

ENZYMES: THE FUTURE OF GROWING



INTRODUCING
DREDDY
DUCK!

HIGH TIMES

NOVEMBER 1989

\$3.95

**Southern Exposure:
Outdoor Growing
in Tennessee
by Nomo T. Rubble**

**The Hippie Mayor
of Eureka Springs**

**Visit to a Hash
Emporium in 1883**

**Steps to
Legalization:
Part 2**



Indoor Sun

We're celebrating our 10th Anniversary
with a 5% discount on all items.
Plus a 5 year warranty on all
lighting systems.

ENERGY EFFICIENT GROW LIGHTS

METAL HALIDE—(balanced growing spectrum)

All systems include assembled ballast, bulb, reflector, 15' lamp cord & 8' power cord.

- ★ 1000 watt DELUXE—Your choice of one of four great reflectors:
46" Polished aluminum super reflective hood (white available on request). □ Our new 20" low profile (only 7" high) horizontal reflector with a space-age polished aluminum reflective panel (puts out 45% more light than conventional reflectors). □ 48" parabolic, high output reflective hood. □ 20" adjustable white enamel reflector.
Each deluxe unit comes with a super quiet ventilated ballast box with a high quality 6-outlet power supply with a lighted on/off switch and a 15 amp circuit breaker. System includes a 110,000 lumen—12,000 hr. bulb \$184.50
To upgrade to our 125,000 lumen—12,000 hr. Horticultural Superbulb Add \$15.00
- ★ 1000 watt STANDARD—19" high temp. white enamel reflector. Ventilates ballast box. System includes a 110,000 lumen—12,000 hr. bulb \$167.95
To upgrade to our 125,000 lumen—12,000 hr. Horticultural Superbulb Add \$15.00
- ★ 1000 watt ECONOMY—2'x3' polished aluminum reflective hood (not shown). Assembled open ballast. System includes a 110,000 lumen—12,000 hr. bulb \$144.50
To upgrade to our 125,000 lumen—12,000 hr. Horticultural Superbulb Add \$15.00
- ★ 400 watt DELUXE—14" high temp. white enamel reflector. Ventilates ballast box with a high quality 6-outlet power supply with a lighted on/off switch and a 15 amp circuit breaker. System includes a 34,000 lumen—20,000 hr. bulb \$134.50
To upgrade to our 40,000 lumen—20,000 hr. Horticultural Superbulb Add \$10.00
- ★ 400 watt STANDARD—14" high temp. white enamel reflector. Ventilates ballast box. System includes a 34,000 lumen—20,000 hr. bulb \$124.50
To upgrade to our 40,000 lumen—20,000 hr. Horticultural Superbulb Add \$10.00
- ★ 400 watt ECONOMY—2'x3' polished aluminum reflective hood (not shown). Assembled open ballast. System includes a 34,000 lumen—20,000 hr. bulb \$109.50
To upgrade to our 40,000 lumen—20,000 hr. Horticultural Superbulb Add \$10.00
- ★ 175 watt MINI-MIGHT METAL HALIDE—15" reflector with self-contained ballast. 15,000 lumen—20,000 hr. bulb (only 18¢/day to operate) \$99.00

HIGH PRESSURE SODIUM—(red orange spectrum)

Completely assembled. All systems include a covered ventilated ballast, bulb, reflector, 15' lamp cord and 8' power cord.

- ★ 1000 watt DELUXE—Your choice of one of four great reflectors (5 KV pulse rated socket included): □ —46" Polished aluminum super reflective hood (white available on request). □ —Our new 20" low profile (only 7" high) horizontal reflector with a space-age polished aluminum reflective panel (puts out 45% more light than conventional reflectors). □ —48" parabolic, high output reflective hood □ —20" adjustable white enamel reflector □ System includes a 140,000 lumen—24,000 hr. Sodium bulb \$269.50
- ★ 400 watt DELUXE—14" high temp. white enamel reflector. Includes 50,000 lumen—24,000 hr. Sodium bulb \$189.50
- ★ MINI-MIGHT GROW LIGHT—Our compact powerful (16,000 lumens) grow light employs a highly efficient High Pressure Sodium lamp (3 year bulb life) and a self-contained Transformer-Ignitor. Costs only 15¢ a day (18 hours on) or about \$4.50/month to operate. 15" reflector—good for 3'x3' area. Sale priced at \$99.00+\$5.00 shipping, anywhere in U.S.A. \$99.00

LOW PRESSURE SODIUM—(our most efficient light)

- ★ 180 watts produce 33,000 lumens. Great for flowering. Excellent for side light. Deluxe fixture. Ventilates ballast box \$195.00

ACCESSORIES:

Replacement light bulbs available for all our systems at our low everyday prices.

- ★ High Pressure Sodium Conversion Bulbs that work in metal halide ballasts.
1000 watt—24,000 hr. \$139.00 400 watt—24,000 hr. \$69.00
 - ★ 15 amp Paragon timer (works on all our systems) \$14.95
 - ★ CO₂ Regulator/Distributor—Maintains CO₂ at a constant level while the light is on to promote up to 25% increase in growth. For growing areas 25 sq. ft. to 1000 sq. ft. Includes all gauges and distribution lines. Plugs into your light's timer (tank not included) Sale Priced \$139.00
 - ★ Solar Shuttle™ Track—moves your lamp quietly and efficiently back and forth above your plants on a 6-foot track in 40-minute cycles increasing the coverage of your lamp \$99.00
 - ★ Solar Shuttle™ Extender—adds another 6-foot track to the end of your Solar Shuttle™ so you can run two lights off of one shuttle \$39.95
- Grow and Bloom Nutrient in granular and liquid form available on request.

(One year warranty on bulbs.)



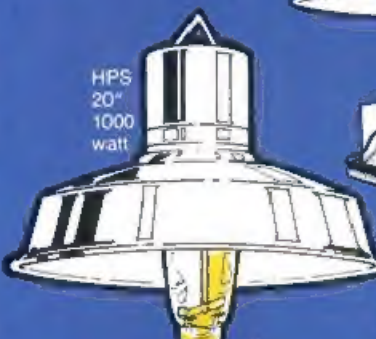
46" Super
Reflective
Aluminum
Hood



20" Horizontal
Super Reflective
Hood



MH
14"
400
watt



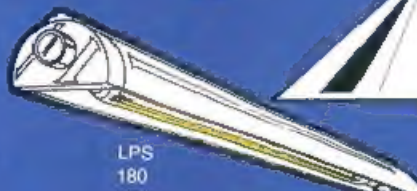
HPS
20"
1000
watt



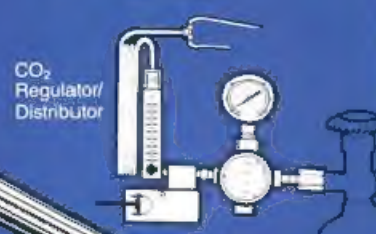
MH
Deluxe
Ballast



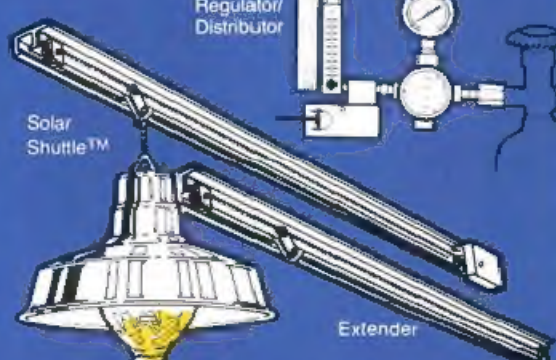
Mini
Might
Grow
Light



LPS
180
watt



CO₂
Regulator/
Distributor



Solar
Shuttle™

Extender

ONE YEAR PARTS & LABOR GUARANTEE • 30 DAY MONEY BACK GUARANTEE • MOST ORDERS SHIPPED IN 24 HOURS
C.O.D. ORDERS WELCOME • NO DEPOSIT REQUIRED
QUANTITY PRICES AVAILABLE • CALL FOR FREE CATALOG



ENERGY SAVERS UNLIMITED, INC.

22138 SOUTH VERMONT AVE. #C, TORRANCE, CA 90502

Toll Free Outside California (800) 421-2994 In California Call Toll Free (800) 538-3400



Prices do not include shipping

GET THINGS GOING WITH

BEFORE!



FAST ONES

STIMULANTS DIET AIDS SLEEPING AIDS

LOWEST PRICES ANYWHERE
WE WILL MEET OR BEAT ANY
REASONABLE PRICES BY 10%
ORDERS SHIPPED IN 24 HOURS
100% GUARANTEE

FAST ONES
"Super Strength"

SPECIAL PRICE
1000 / 100
\$29.95 / \$8.95

FASTONES
"FREE SAMPLES"
CODE
#30
200 MGS CAFFEINE

NOT SURE? SAMPLE PACK

MAXI PACK
1000 TABLETS
& CAPSULES
TOTAL 10 TYPES
\$42.50
CODE #26

MINI PACK
500 TABLETS &
CAPSULES
TOTAL 5 TYPES
\$22.50
CODE #31

INGREDIENTS MAY VARY

1000 / 100
\$30.00 / \$7.00
CODE #3
175 MGS CAFFEINE

1000 / 100
\$30.00 / \$7.00
CODE #4
175 MGS CAFFEINE

1000 / 100
\$35.00 / \$7.00
CODE #8
200 MGS CAFFEINE

1000 / 100
\$30.00 / \$7.00
CODE #20
200 MGS CAFFEINE

NOTE

Our products bear our trademark. They cannot be confused with any other product on the market. Any attempts to offer these products for sale as a controlled substance or prescription drug may be a crime. This may result in criminal prosecution. Compliance with any law is the purchaser's responsibility.

AFTER!



EXTRA STRENGTH

CUSTOMER SERVICE

1-813-526-1734

PAYMENT:

- MONEY ORDER
- PERSONAL CHECK (MUST BE BANK PRINTED WITH THE SHIP TO ADDRESS, ACCOUNT MUST BE 6 MONTHS OLD. NO PERSONAL CHECKS OVER \$750. PAYMENT TO 20TH CENTURY ENTERPRISES, INC.
- C.O.D. (CASH ON DELIVERY) (PHONE IN ONLY) (\$12.50 min.)
- ALL ORDERS IN US FUNDS

Offers subject to change with notice. Take only as directed. Res package statements, no sales to or where prohibited by law. advertised products have various % of non-controlled ingredients. O.T Not to be Mixed with Alcohol.

FAST ONES FIGHTS THAT DROWSY FEELING BY IMPROVING YOUR STAMINA COORDINATION CONCENTRATION!

FAST ONES NEVER LETS YOU MISS THOSE SPECIAL MOMENTS!

FAST ONES GIVES YOU EXTRA STAMINA TO LOSE THOSE UNWANTED POUNDS AND INCHES THAT MAKE YOU FEEL SO UNATTRACTIVE AND UNDESIRABLE!

FAST ONES LETS YOU LIVE A MORE EXPERIENCING LIFE!

CHOOSE FROM A WIDE VARIETY TO GET YOUR EXACT TYPE AND STRENGTH YOU PREFER THAT'S SOMETHING STORES CAN'T DO!

STRENGTH MEDICUM

1000 / 100
\$25.00 / \$7.00
CODE #1
200 MGS CAFFEINE

1000 / 100
\$35.00 / \$7.00
CODE #5
150 MGS CAFFEINE

MILD (THICK)

1000 / 100
\$35.00 / \$7.00
CODE #13
200 MGS CAFFEINE

CLEAR UPS (THIN)

1000 / 100
\$18.00 / \$7.00
CODE #9
110 MGS CAFFEINE

NIGHTY NIGHT

SURE CURE II DIET AID

APPETITE SUPPRESSANT

100
\$10.00
CODE #25
50 MGS DIPHENHYDRAMINE

1000 / 100
\$35.00 / \$7.00
CODE #10
25 MGS EPHEDRINE

(ORDER FORM)

PRODUCT NUMBER
ECONOMY SIZE 1000

QUANTITY

All telephone orders must be valued at \$12.50 & up, shipping & handling not included. *No Exceptions*

PLEASE PRINT

SEND ORDER TO:
Name _____
Address _____
City _____ State _____ Zip _____ Phone _____

RUSH ORDER TO:
20th Century Enterprises, Inc.
P.O. Box 84001
St. Petersburg, FL 33784-0001

ORDER BY PHONE
1-800-252-7112
*Customer Service
1-813-526-1734

Orders Shipped in 24 Hours!

Sub-Total
Add Sales Tax
Shipping \$3.50
Total

CODE



TO ORDER TODAY CALL:
1-800-458-7474

HAMILTON TECHNOLOGY CORP. 14902 S. Figueroa St., Gardena, CA 90248

NOVEMBER
1989
No. 171



On the cover: "Tennessee Tea" by
 Nomo T. Rubble; map by Flick Ford.

C O N T E N T S

F E A T U R E S

A HASHISH-HOUSE IN NEW YORK--1883.....32

If pot becomes legal in '89, let's hope they bring back the hash dens of 1883.
 A tour through the most amazing cannabis shop in history.

THE MAYOR RIDES A HARLEY

by Steven Hager.....36

What would happen in your town if a former dope-smoking hippie was
 elected mayor?

THE ADVENTURES OF FAT FREDDY'S CAT

by Gilbert Shelton.....41

SOUTHERN EXPOSURE

text and photos by Nomo T. Rubble.....45

They say Tennessee grows some of the world's finest cannabis. Judging
 from these photos, we'd have to agree.

ENZYMES: THE FUTURE IS NOW

by Dr. Zee.....53

New techniques in organic growing continue to revolutionize the indoor grow
 industry. Learn how a \$5 investment can double your yield.

THE STEPS TO LEGALIZATION: PART TWO

by Ed Rosenthal.....64

36



45



C O L U M N S D E P A R T M E N T S

PAGE SIX

by Steven Hager.....6

LETTERS

from our readers.....14

LOW ART

by John Holmstrom.....40
 Paul Kuhrman's vision of bowling
 pins in heaven and hell.

ASK ED

by Ed Rosenthal.....52

Expert grow tips from the
 guru of ganja.

A TALE OF TWO GARDENS: PART 7

by Ed Rosenthal.....54

HIGHWITNESS NEWS

edited by Steve Bloom.....19

TRANS-HIGH MARKET QUOTATIONS

edited by Edie Barrett.....27

CENTERFOLD.....50

PRODUCTS.....69

CLASSIFIEDS.....78

BOOKSTORE.....80

THE ULTIMATE PARTY MAGAZINE

*edited by John
 Holmstrom.....89*



p.41



HIGH TIMES

PUBLISHER
ROBERT ARONSON
EDITOR-IN-CHIEF
STEVEN HAGER
EXECUTIVE EDITOR
JOHN HOLMSTROM
ART DIRECTOR
FLICK FORD
MANAGING EDITOR
ERIC DANVILLE
CONTROLLER
SHEILA AVON
CIRCULATION MANAGER
RAYMOND L. BLACKSTOCK
ADVERTISING MANAGER
ELLEN SPENCER
ASSISTANT EDITOR
JUDY MCGUIRE

CONTRIBUTING WRITERS
ED ROSENTHAL, CULTIVATION
STEVE BLOOM, NEWS
BRAM, INDOOR GROW
MIKE SAPPOL, COPY
ROBERT CONNELL CLARKE,
THE GENERAL,
PETER GORMAN, RA JAMES,
AID MacSPADE, JAMES MARSHALL,
CARLO McCORMICK, KYLE ROQ,
LOU STATHIS

CONTRIBUTING ARTISTS AND PHOTOGRAPHERS
BRIAN SPAETH, DESIGN
ELIN WILDER, PHOTOS
DAVID ALLEN, ACE BACKWORDS,
ANDRE LEROY DAVIS,
ERIC DROOKER, JOHN EDER,
BOB FINGERMAN,
ANDRE GROSSMANN,
MILTON KNIGHT, LENNIE MACE,
FRANK MAX, JAMES ROMBERGER,
JEFF VAUGHN, J.D. KING,
CAPT. WHIZZO

NATIONAL ADVERTISING OFFICE
211 EAST 43RD STREET
NEW YORK, NY 10017 (212) 972-8484

FOUNDING EDITOR
THOMAS KING FORCADE, 1945-1978

NOVEMBER 1989 * No. 171 * (ISSN #0362-630X) is published monthly by Trans-High Corporation, Robert Aronson, President * Mail subscriptions (payable in US funds) and changes of address (please include most recent mailing label) to PO Box 410, Mt. Morris, IL., 61054. * Subscriptions in the United States: 12 issues for \$29.95, 24 issues for \$54.95 * Single copy price: \$3.95 * In Canada: 12 issues for \$37.45, 24 issues for \$68.95 * All other countries by surface mail: 12 issues for \$37.45 * All other countries by airmail: \$67.00 * Offices at 211 East 43rd St., New York, NY 10017 * Second class postage paid at New York, NY, and at additional mailing offices * Manuscripts must be accompanied by a self-addressed stamped envelope * All contributions will be carefully considered, but the publishers and editors assume no responsibility for loss or injury to unsolicited material * Copyright 1989 by Trans-High Corporation. Nothing in this publication may be reproduced in any manner, either in whole or in part, without specific written permission of the publisher. All rights reserved. "High Times" is a registered trademark. HIGH TIMES and Trans-High Corporation assume no responsibility for any claims or representations contained in this magazine or in any advertisement, nor do they encourage the illegal use of any of the products advertised within. All advertising and advertised products void where prohibited. Postmaster: Please send address changes to HIGH TIMES, PO Box 410, Mt. Morris, IL., 61054.

PAGE SIX

Although it will be October or November by the time you read this, this note is being written in mid-August, during the 20th Anniversary of Woodstock, a time when the national media is waxing nostalgic with articles on "Whatever happened to the counterculture?"

Let's face it, there isn't much left, and we only have ourselves to blame. After the arrival of LSD, discussion of serious politics faded into a murky psychedelic haze, mostly a result of bad leadership. But it was coke that really killed the '60s, creating the me-first yuppie revolution in the process. It's a rut we're just starting to crawl out of.

Since the counterculture probably represents the biggest block of non-voting citizens in America, we'd like to encourage your return to politics. On page 36 you'll find a story about a hippie-turned-mayor in Arkansas. We'd like to see more of this development elsewhere.

Does your community have a countercultural presence, and have you obtained any real political power? If so, please write me at HT, 211 East 43rd St., NYC 10017. In the future, we'll run a feature listing all the countercultural mayors and state representatives across the country. If we draw these people together, maybe they can help us legalize cannabis for food, fuel, fiber, and medicine.

Sincerely yours,

Steven Hager

Steven Hager
Editor-in-chief

STEVEN HAGER



Mayor Richard Schoeninger.



Indoor Gardening Products

NEW! HYDRFARM EBB & FLOW SYSTEM

Manufactured in the rugged and durable tradition of Applied Hydroponics. Exclusive multi-ridge and channel pattern insures even nutrient distribution with complete drainage and aeration for all sizes of Rockwool. You can even use Geolite® or your favorite potting mix in standard plastic pots!

- Holds up to 56 large Rockwool cubes, 450 starter cubes or 3 slabs
- Solid Construction—50% thicker than ordinary trays
- Large 25 gallon reservoir eliminates constant maintenance

NOTHING EXTRA TO BUY OR BUILD!

System includes: Ebb & Flow Tray (42" x 26" x 6" deep), 25 gallon reservoir, pump, timer, nutrients, Rockwool cubes, fittings, complete instructions **\$189.95**

*Optional Super Dome Cover makes a 14' tall greenhouse **\$44.95**

Super Dome™ Cover
Optional



NEW! LIZ'S GARDEN™

It's Simple, Quick, & Easy!

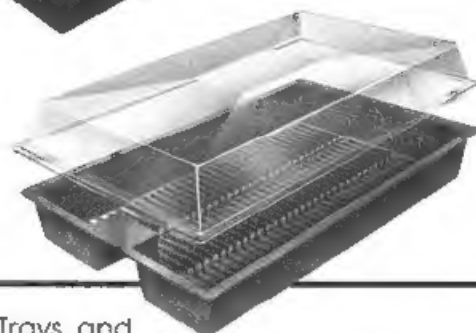
- ★ Designed and recommended by **Ed Rosenthal**, famous author and growing expert
- ★ Proven! Featured in six-part series in *High Times*, 1989
- ★ Grow six big plants
- ★ Compact—measures just 16" x 24"



Nothing extra to buy or build,
all you add are seeds and water!

System includes: reservoir, six planters, pump, nutrients, Rockwool cubes, Geolite media blend, and complete instructions **\$49.95**

☛ **Bonus!** Includes exclusive growing tips from **Ed Rosenthal**



Ebb & Flow Trays and Super Dome Covers available separately to customize your growing area

- Set up multi-unit systems
- Trays rest on any table or bench top
- Make a 14' tall greenhouse with optional Super Dome Cover

EBB & FLOW TRAY **\$49.95**

(42" x 26" x 6" deep. Fittings included)

SUPER DOME COVER **\$44.95**

More Growers and retailers rely on our **HYDRFARM** products than all other brands of equipment combined! Applied Hydroponics is the oldest and the largest manufacturer. Why? Because **HYDRFARM** products have been designed for optimum performance and manufactured for quality, safety, and durability since 1977.

**New 1989
COLOR
CATALOG
FREE!**

CALL TOLL FREE

WESTERN U.S. 1-800-634-9999 APPLIED HYDROPONICS, INC. 3135 Kerner Blvd. San Rafael, CA 94901	EASTERN U.S. 1-800-227-4567 APPLIED HYDROPONICS, INC. 208 Route 13 Bristol, PA 19007
---	---



*NEW RETAILER INQUIRIES INVITED

HYDRFARM PRODUCTS ARE AVAILABLE FACTORY DIRECT OR FROM
YOUR NEAREST AUTHORIZED DEALER. TURN THIS PAGE FOR DETAILS.



APPLIED HYDROPONICS, INC.
FOR FACTORY DIRECT SALES



Call or visit your nearest retailer:
Prices, special offers, and hours may vary.

NEW STORES*

- ARIZONA**
Red Mountain Hydroponics (602) 464-1797
121 S. Country Club Dr., Mesa, AZ 85210
- CALIFORNIA**
Sacramento Lights & Hydro. (916) 461-1701
7830 Cucamonga Ave., Sacramento, CA 95826
So. California Lights & Hydro. (818) 243-0068
4527 San Fernando Rd., Glendale, CA 91204
HydroLights (916) 898-8301
347 Nord Ave., Ste. #1, Chico, CA 95926
- COLORADO**
Rocky Mtn. Lighting & Hydro. (303) 428-5020
7100 No. Broadway, Ste. 6-S, Denver, CO 80221
- FLORIDA**
* Gold Coast Ft. Lauderdale Opening Soon!
Call (305) 665-6806 for info
Gold Coast Lights & Hydro. (305) 665-6805
5794 S.W. 40th St., Miami, FL 33155
Worms Way-Florida (813) 621-1792
5311 56th Commerce Park Blvd., Tampa, FL 33610
- GEORGIA**
Southern Lights & Hydroponics (404) 358-0288
5634-F Buford Hwy., Norcross, GA 30071
- ILLINOIS**
Chicago Indoor Garden Supply (312) 289-4545
297 N. Barrington Rd., Streamwood, IL 60107
High Tech Indoor Gardening 1-800-747-LITE
2209 Washington Rd., Washington, IL 61571
- INDIANA**
Orange Sunshine (219) 926-1020
114 N. Calumet, Chesterton, IN 46304
Susan's Organic Garden Ctr. (219) 258-0221
102 Unionway E., Ellettsville, IN 46644
Worms Way-Indiana 1-800-274-9676
4620 S. State Road 446, Bloomington, IN 47401
- KENTUCKY**
* Bluegrass High Tech Garden Supply (502) 543-5933
4422 East Highway 44, Shepherdsville, KY 40165
- MASSACHUSETTS**
Worms Way-Massachusetts (508) 797-1156
1200 Main St., Ste. 8-G, Worcester, MA 01607
- MICHIGAN**
Indoor Gardening Center, Inc. (313) 451-0797
8539 Lilley Rd., Canton, MI 48187
Call for additional store locations.
- MINNESOTA**
* Indoor Gardening Center/Minneapolis
Call 1-800-527-4769 For Info
- MISSOURI**
* Worms Way-Missouri (314) 878-2773
12156 Lockland Rd., St. Louis, MO 63146
- NEW YORK**
* Northern Lights & Hydroponics (716) 634-8290
Airport Plaza, 4214 Union, Cheektowaga, NY 14225
- NORTH CAROLINA**
Pathway (919) 767-0042
4500 Indiana Ave., Winston-Salem, NC 27106
- OHIO**
* Northern Lights & Hydroponics 1-800-897-2774
4722 Great Northern Blvd. N. Olmstead, OH 44070
Northern Lights & Hydroponics (216) 922-0777
2039 State Road, Cuyahoga Falls, OH 44223
Waterbeds & Stuff (614) 276-4722
3788 W. Broad St., Columbus, OH 43228
7 Ohio stores - Mail orders call - Direct Source
1-800-848-1408, Ohio, 1-800-971-1668
- OKLAHOMA**
Urban-Tek Growers Supply (405) 843-1888
2911 W. Wilshire, Oklahoma City, OK 73116
- PENNSYLVANIA**
Northern Lights & Hydroponics 1-800-937-9930
4 Mahoning Ave., New Castle, PA 16102
Northern Lights & Hydroponics 1-800-635-1383
2809 Pine Ave., Erie, PA 16504
Northern Lights & Hydroponics (412) 941-6335
Rough Bld., 4050 Washington, McMurray, PA
- TEXAS**
Braze's Indoor Garden Ctr., (713) 661-9473
5815 Bellaire Blvd., Houston, TX 77081
- WISCONSIN**
Madison Indoor Garden Supply (608) 221-9292
6420 Bridge Rd., Monona, WI 53513
- CANADA**
Brite Lite/Que Pousse (514) 489-3806
2215 Waldey, Montreal, Quebec, CAN H4B2J9



Now!
The only **UL** listed
Grow Light Systems
on the market!

Dear Customers:

Thanks to you, our Grow Wing and Sunburst grow lights are the most popular lights in use today. Now, we've set a whole new standard for performance and quality with our new **UL SERIES** of grow lights.

We've made our new Super Grow wing reflector **20% larger** to cover more area with the **highest intensity** uniform light pattern ever offered! The UL SERIES also incorporates a UL-required tempered glass lens and is constructed out of strong steel (not thin aluminum).

Don't be fooled by others that claim to use UL components (any electrical plug is a UL component). This is not the same thing as having the entire system UL listed. Only HYDROFARM - UL SERIES lights have been professionally tested and are listed by UL (Underwriters Laboratories), the world-famous electrical and safety testing organization.

We continue to offer our top quality UL listed ballast assembly with all our lights, and of course, our often imitated **Safety-First** wiring system.

We will continue to offer you only the best quality growing equipment, and our being the **first** company in the market to offer UL listed grow lights says how we feel about this commitment.

Thank you for your confidence in us.

Applied Hydroponics, Inc.
Makers of Hydrofarm Indoor
Gardening products

BETTER DESIGNED - BETTER BUILT

HYDROFARM LIGHT TRACK™

- Hang horizontal or vertical lights
- No-drip motor: lifetime lubrication
- Heavy-duty four wheel carrier
- Full five year guarantee

OTHERS

- Hang vertical lights only
- Motor drips: needs oiling
- Weak one wheel carrier
- One year guarantee only



NEW!

THE HYDROFARM LIGHT TRACK™

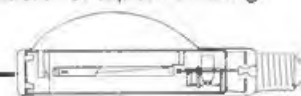
FASTER! 20% more laps per light cycle.

6' Ft. System **\$99.95**
6' Ft. Extension **\$39.95**

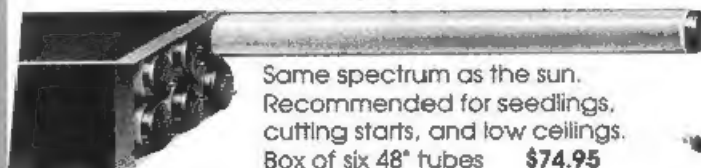


SODIUM CONVERSION BULBS

Simply screw one into your halide fixture for super flowering!



CYLINDERS OF SUNLIGHT™



Same spectrum as the sun.
Recommended for seedlings,
cutting starts, and low ceilings.
Box of six 48" tubes **\$74.95**

940 watt - for 1000 halide **\$137.95**
360 watt - for 400 halide **\$67.95**
220 watt - for 250 halide **\$67.95**
150 watt - for 175 halide **\$67.95**

HYDROFARM CO₂ SYSTEM



- Fertilize the air
 - Double growth and flowering
 - Unique programmable timing
- \$149.95**

CLIMATE CONTROLLER

Automatically activates fans on
humidity or temperature rise!



Climate Controller **\$69.95**
Temperature Controller only **\$39.95**
Humidity Controller only **\$39.95**

Additional grower-proven Hydrofarm products available:

Hydrofarm Grow Nutrient 1lb.	\$12.00	Aspenair Ionizer	\$49.95	45" Vertical Reflectors - no extra charge	
Hydrofarm Bioam Nutrient 1lb.	12.00	Hydrofarm Air Cleaner	99.95	Whirligig 2 - Arm	\$129.95
Cutting Concentrate 2 oz.	7.95	Turbo Air Cleaner	319.95	Sun Circle 1 - Arm	139.95
Cutting Starter Kit	19.95	Vent Fan 140 CFM	44.95	Sun Circle 2 - Arm	199.95
Digital pH Pen Package	59.95	Vent Fan 265 CFM	69.95	Sun Circle 3 - Arm	259.95
Hydrofarm pH Lower 16 oz.	7.95	Vent Fan 465 CFM	89.95	Hydrofarm Light Meter	29.95
Hydrofarm pH Raise 16 oz.	7.95	Wall Mount Osc. Fan	59.95	Rockwool-PLUS MUCH MORE!	
Geolite 5 Gallon Bag	14.95	Mytar 4' x 50' Roll	39.95	*All prices plus shipping	

NEW!
SUPER GROW WING
-UL SERIES™



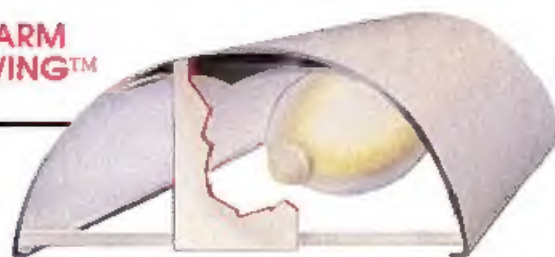
Grow With The Best!

HYDROFARM GROW WING™
(pat. pend.)



BALLAST:

Double-wall steel construction, front and rear bi-level louvers (included with all Grow Wing and Super Grow Wing Systems).



Delivers more light intensity than any other reflector in its class!

- Horizontal system with double parabola design
- Electro-white finish • Strong steel construction
- Safety-First wiring system • High output super bulbs

SUPER GROW WING-UL SERIES LIGHTING SYSTEMS

1000 Halide	\$249.95	1000 Sodium	\$319.95
400 Halide	\$199.95	400 Sodium	\$239.95

GROW WING LIGHTING SYSTEMS

1000 Halide	\$199.95	1000 Sodium	\$264.95
400 Halide	\$149.95	400 Sodium	\$189.95

HYDROFARM SUNBURST™

- Horizontal efficiency
- Built-in ballast
- Electro-white finish
- Ready to plug in



150 Sodium	\$109.95
175 Halide	\$109.95
250 Halide	\$129.95
*UL Required lens package - add \$20.00	

HYDROFARM QUANTUM™ (pat. pend.)

Never before has peak performance been offered in such a reliable, easy-to-use system • More Quantums in use today than all other hydroponic systems combined!

- Rockwool medium • Multi-ridge irrigation and aeration system • Grow 20 full-size plants, hundreds of cuttings, or up to 600 starts!

✓ Options: Ebb & Flow, Slab, Geolite, and add-on tray packages available.

Nothing extra to buy or build!

Systems include:

Trays, stands, 25 gallon reservoir, cover, pump, irrigation system, Rockwool cubes, nutrients and instructions

Quantum Four Tray	\$199.95
Quantum Six Tray	\$259.95
Quantum Eight Tray	\$319.95
Quantum Ten Tray	\$379.95

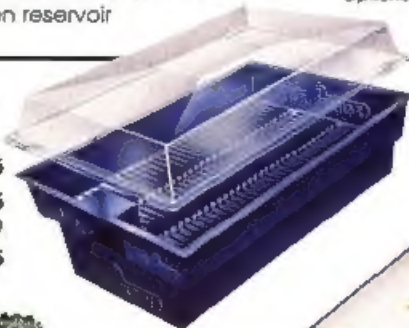
QUANTUM TWO TRAY \$179.95

NEW! HYDROFARM EBB & FLOW SYSTEM

The ease of Ebb & Flow irrigation manufactured in the rugged and durable tradition of Applied Hydroponics.

- Holds up to 56 large Rockwool cubes, 450 starter cubes or 3 slabs. • Solid construction - 50% thicker than ordinary trays • Large 25 gallon reservoir

Super Dome™
Optional



System comes **complete** with:
Tray, reservoir, pump, filter, nutrients, Rockwool cubes, fittings and instructions. **\$189.95**

Ebb & Flow Tray Only **\$49.95**
(42" x 26" x 6"-fittings included)

Super Dome™ Cover **\$44.95**
Makes a 14" tall greenhouse.



NEW! LIZ'S GARDEN™

- ☆ Designed and recommended by **Ed Rosenthal**, famous author and growing expert
- ☆ Proven! Featured in his six-part magazine series, 1989
- ☆ Compact - measures just 16" x 24"
- ☆ Just add seeds and water! **\$49.95**

Only Applied Hydroponics offers:

- ✓ Factories (with showrooms) on both coasts
- ✓ Fastest delivery nationwide
- ✓ New low shipping rates
- ✓ 30 day money-back guarantee
- ✓ Full five-year product guarantee (bulbs, digital pens, one year)

Free catalog & phone orders

TOLL FREE 1-800-227-4567 EAST
1-800-634-9999 WEST

Visit our showrooms M-F 9-5, SAT 10-5
Applied Hydroponics, Inc.

East U.S.-Phila.: 208 Route 13, Bristol, PA 19007

West U.S.-S.F.: 3135 Kerner Blvd., San Rafael, CA 94901



C.O.D.



CA & PA residents add 6% sales tax. All prices plus shipping.

MAX-89 "THE ULTIMATE HORIZONTAL"

89% increase in light output

Double Arc, low profile, adjustable, electro-white ▼



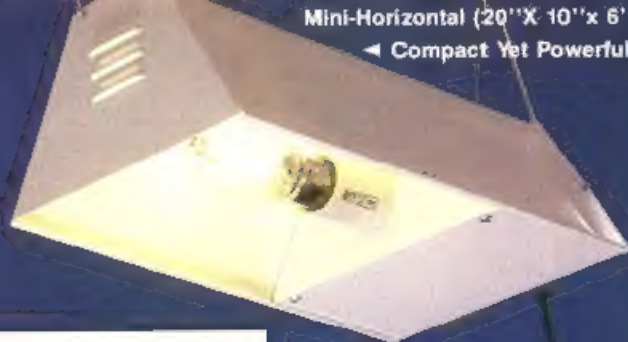
Remember MAX 89 is the only double arc reflector that gives you what no other lighting manufacturer offers:

- Maximum reflection, with mill bonded super electro-white glass finish (not spray painted electro-white).
- Quality aluminum construction, light weight, rust proof, with maximum heat dissipation (not heavy, rusty steel).

Heavy Duty Ballast ▶
With 38 cooling louvers



Compare Quality & Price
you are saving 5% to 40%



Mini-Horizontal (20"X 10"X 6")

◀ Compact Yet Powerful



CO₂ Enrichment System

TO STAY #1 IN GROW LIGHTS FOR TWO CONSECUTIVE YEARS, YOU HAVE TO BE HAMILTON*

**Only Hamilton's Horizontal Lighting Systems were exhibited at the Hydroponic Society of America 1988 & 1989 Conventions.*

A good grow light is the key to your indoor growing success

It is well known that Metal Halide and High Pressure Sodium full spectrum are the best lights to promote good plant growth and to increase bud and flower production.

How to get maximum light output

Hamilton has perfected the ultimate horizontal reflector: Max 89. The unique double arc "v" design and the super reflective finish of Max 89 give a remarkable 89% increase in light output over vertical mounted lights. It is not possible to design a reflector that can give more light than Max 89. Its ventilation design assures a longer bulb life. Every Max 89 has an adjustment feature which allows you to regulate light to meet the requirements of your growing area with either more concentrated or more diffused light. Max 89 has a low profile design that actually leaves more vertical space for plant growth.

Percentage of light output increase

Hamilton Technology	89%
Max 89™	
Hamilton Technology	68%
Mini-Horizontal	

Better safe than sorry

Many poorly designed lighting systems become fire hazards with increased use. Hamilton's UL approved heavy-duty, high temperature resistant lamp cords are not only 220° F./600 volt but have an "STO" safety and durability rating. For utmost safety, lamp cords are connected 4" away from the socket in a protective junction box to prevent fire from lamp heat build up.

NEW! Mini-Professional Systems:

The most powerful minis on the market

MH250 Pro System (Reg. \$149.00) **\$119.00**
HPS250 Pro System (Reg. \$178.00) **\$135.00**

Mini-Horizontal MH175 or HPS150

Compact (built-in ballast), powerful & economical. Ideal for small growing areas, side lighting, and cuttings (Reg. \$119) **only \$95.00**

How to get highest quality products

Our UL approved ballast components are mounted on a heavy 14 gauge steel panel with strong studs to insure whisper-quiet performance and durability. The single heavy panel acts as an excellent heat dissipator, unlike thin, double-walled heat traps that vibrate and echo irritating noise. The 3-way, 38 bi-level louvered enclosure gives maximum cooling air flow for longer ballast life. These louvers give better protection against water splash and dirt entry than screen or slot type systems. Our ballasts come with a rust protective white finish.

Comparison of Ballast Enclosure

Hamilton Technology

38 bi-level louvers, 3 way

Competitor A

12 louvers

NEW! HPS Conversion Bulbs that work in Metal Halide Systems

Convert your existing Metal Halide System into HPS by simply changing a bulb.

1000w\$134.00 — 400w\$64.00 — 175w\$57.00

CO₂ Injection System

Increasing CO₂ in the air speeds plant growth dramatically and doubles budding and flowering. Fully assembled unit includes: Regulator, Gauge, Solenoid Valve, FlowMeter, Tubing, Instructions... (Reg. \$179) **Sale \$118.00**

Best value at Hamilton

Hamilton offers quality products at the lowest prices. Why should you pay inflated prices for inferior products? Order from our large selection of light and hydroponic systems.

Hamilton's perfect plant nutrients

Great for soil, ideal for hydroponics. All macro/micro elements concentrated formulas; 1 lb. makes 100 gal. of nutrient sol.
GROW BOOSTER 20-6-16 For rapid plant growth
BLOOM BOOSTER 9-30-12 Maximum budding/flowering
ROCKWOOL BOOSTER 10-7-16 Formulated for Rockwool
1lb. . . \$9.50 5lb. . . \$26.95 25lb. . . \$75.00

Satisfaction guaranteed

Order from Hamilton with confidence that our systems are of exceptional quality, performance and value. Our light systems will perform beyond your greatest expectations. We fully guarantee your complete satisfaction with our **30-day money back policy**. Our lighting systems are **guaranteed for 5 years** (bulb 1 year).

TO ORDER TODAY CALL:

1-800-458-7474

HAMILTON TECHNOLOGY CORP.

14902 S. Figueras St., Gardena, CA 90248

LOS ANGELES CUSTOMERS:

Buy direct from factory

PRICE SUBJECT TO CHANGE WITHOUT NOTICE



1

1-800-331-3994



2-800-331-3994



2



3

THE ORIGINAL AQUAFARM™ aerated-drip system.



4

6" of growing space. Fits anywhere.

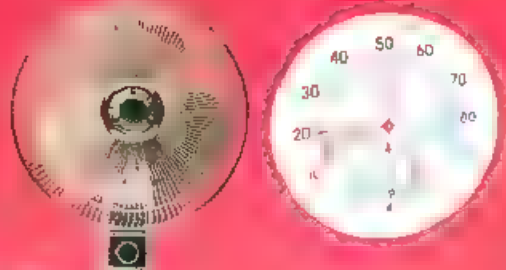


5



6

Diamond Environmental Control Systems help regulate humidity, blowers, and CO₂.



7

8-800-331-3994



8



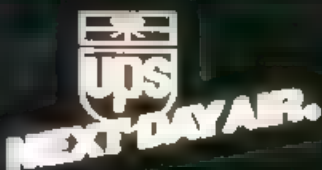
9

9-800-331-3994



10

10-800-331-3994



FOR FASTEST SERVICE, ORDER TOLL-FREE
1-800-331-3994
 MOST C.O.D. AND CREDIT CARD ORDERS SHIPPED WITHIN 24 HOURS.



DIAMOND LIGHTS AMERICA'S INDOOR GARDEN STORE.

IN TEN YEARS WE'VE LEARNED HOW TO KEEP OUR CUSTOMERS HAPPY.

When you spend your money with Diamond you get good prices, fair shipping rates and a staff of qualified people that know High Tech gardening. You also get treated like a customer should be treated. You get a 5 year guarantee on all lighting systems (1 year bulb) and a no risk 30 day return privilege. We want to be the best and we think we are.

1 LUMENARC™—Advanced designs in horizontal lighting. Large 22" x 27" size with Double-Arc interior design. Only 7 3/4" tall for more useable growing space. 45" Standard or 45" Parabolic hoods also available.
MH1000 (Super bulb) 198.95
MH400 (Super bulb) 148.95
HPS1000 258.95
HPS400 188.95

LUMENARC Mini—The only small horizontal with the Double-Arc interior design. Dimensions: 11" x 23" x 5"
MH250 127.95
MH175 108.95
HPS250 139.95
HPS150 109.95

2 THE INCREDIBLE RAINFOREST™—Expandable Aero Hydroponic system. The most advanced and efficient method of hydroponic gardening in the world. Roots cuttings or starts seeds within days and can take them to harvest. Includes Flora nutrients and instructions.
Single Module (6 plants) 64.95
4 Modules w/Controller (24 plants) 279.95
6 Modules w/Controller (36 plants) 389.95
8 Modules w/Controller (48 plants) 489.95
10 Modules w/Controller (60 plants) 599.95
12 Modules w/Controller (72 plants) 699.95

3 THE ORIGINAL AQUAFARM™—Reliable aerated-drip pumping system. Perfect for tall mother plants as well as short plants. Includes Flora nutrients and instructions.
Single Module 58.00
4 Modules w/Controller 199.95
6 Modules w/Controller 279.95
8 Modules w/Controller 369.95
10 Modules w/Controller 449.95
12 Modules w/Controller 529.95

4 SUNTRAYS EBB & FLO SYSTEM
3' x 3' (9 sq. ft.) tray with 30 gallon reservoir. Use them in single or multiple tray

systems. Uses either Rockwool or GroRox medium. Complete systems come with tray, reservoir, pump, timer, fittings, medium and Flora nutrients. Also available are sturdy waist high aluminum tables with levelers.

Tray, reservoir, Pump 169.95
Tray Only 59.00
Reservoir Only 59.00
Complete 1-tray system 199.95
Complete 2-tray system 258.95
Complete 3-tray system 309.95
Complete 4-tray system 369.95

CALL FOR LARGER SYSTEMS

5 SIMEONS ORGANICS—Super Tea for growth, Budswell for flowering. The finest Bat and Seabird guanos blended and sifted together with Earthworm castings to produce a completely pure and potent organic fertilizer. Comes in dry powder or liquid.

6 DIAMOND ENVIRONMENTAL CONTROLS—Fina, the answer to coordinating CO₂, exhaust fans, temperature, humidity, and lights. CO₂ only runs while lights are on and never runs while exhaust fans are on. Call us for complete details and prices.

7 Wall mounted oscillating fan, 16" 49.95 SALE
Light Meter 24.95 SALE
Digital pH Meter 49.95 SALE
PPM Meter 49.95 SALE
Temp/Humidity Meter 12.95 SALE

8 Our best CO₂ emission system has a short range timer that allows you to run as low as 1 minute on/off times. 179.95

The AquaCulture CO₂ system with no timer. Comes on with your lights and off with your lights. 119.95

Green-Air CO₂ generators are completely automatic and run on propane or natural gas.
CD3 (300 sq. ft.) 199.95 SALE
CD6 (800 sq. ft.) 279.95 SALE

9 CLOSET FARMER™—27 cubic ft. of growing space. Completely self-contained growing chamber THAT WORKS. Comes with everything you'll need. (Assembly required) 439.00

10 FLORA ADVANCED NUTRIENT SYSTEM—For growers who will accept only the best, this nutrient is by far the finest hydroponic/soil nutrient in the world. It is so pH stable that adjustment is rarely necessary. Stepped up growth rates, larger yields and better quality of yield have all been characteristics of this amazing 2 part nutrient. See our Catalog.

Diamond products can also be found at the following retail locations:

CALIFORNIA

Mendocino Indoor Garden Center
916-885-8227
11948 Masters Court, Auburn 95603
Foothill Hydroponics 818-760-0688
10705 Burbank Blvd., N. Hollywood 91601
Hahn Lighting 408-295-1847
945 S. 3rd Street, San Jose 95112

FLORIDA

Florida Indoor Growers Supply 305-267-0806
7203 S.W. 40th Street, Miami 33155

NEW YORK

MAH 516-231-9472
151 Alkier St., Brentwood, NY 11717

GEORGIA Grand Opening

Diamond Indoor Garden Center
404 591-GROW (4769)
6525 C Bells Ferry Rd., Woodstock 30188
The first truly High-Tech Garden Store in the South/East. DIAMOND QUALITY WITH DIAMOND SERVICE

Toll Free Ordering or our free catalog PHONE

1-800-331-3994

For technical information and CA residents (415) 459-3994

DIAMOND LIGHTS

713 Mission Avenue, San Rafael, CA 94901

Most money order, credit card, COD orders shipped within 24 hrs.

Prices do not include shipping.

Dealer inquiries welcome.

CA residents add 6% sales tax.

VISIT OUR SHOW ROOM



OTHER QUALITY PRODUCTS AVAILABLE: Suncircle 1, 2 & 3 arm, Solar Shuttle Heavy Duty Light Tracks, HPS Conversion Bulbs, Exhaust Blowers, Safer Products and Time-Release Pyrethrum Systems for Pest Control. See our Catalog for our entire product line.

LETTERS

Send your gripes, questions, personal thoughts, and occasional compliments to: HIGH TIMES "Letters," 211 East 43rd Street, NYC 10017. Unless otherwise indicated, proper names are printed with initials only to protect the innocent, so sign your favorite pseudonym. And use a phony return address.



ARMY JUSTICE

I've been reading your magazine for six months now, and I love it! It's refreshing to read Highwitness News, Chef Ra's Rasta Recipes, and many other regular features. I'm currently in the US Army and in my three years here I've witnessed a lot of injustice in regard to the way the military deals with drugs and drug users.

Here are some examples: One of my friends had his car searched and they found a marijuana seed. For this he was sentenced to reduction in two ranks and forfeiture of a half month's pay. Had he not been leaving the army the next week, he would have pulled 45 days slave labor.

A female lieutenant was sentenced to six months in jail for refusal to take a urine test.

An enlisted soldier was sentenced

to 16 years confinement for possession of 27.8 grams of marijuana.

I'm tired of hearing drugs do not belong in the military. We're human too! (Even though we aren't treated as such.) The stench of hypocrisy here is very strong and I'm sick of smelling it! If it wasn't for the Army paying for our college education, 75% of us wouldn't be here.

--A Soldier Who Fights For Your Rights Even Though He Has Been Stripped of His Savannah, GA

We can add another example to your list. We know of a soldier (a member of the Freedom Fighters) who attended a pot rally in uniform. After being reported on by a private citizen, the soldier lost all his rank, three-quarters of one month's pay, and was sentenced to 30 days hard labor.



DON'T BE A FOOL!

I love your magazine. It does a lot to further the cause. I believe every pot smoker, grower, and advocate of cannabis has the following responsibilities: 1) Vote in state and national elections; 2) Donate at least \$15 annually to NORML; 3) Write your representatives in Congress; 4) Attend one cannabis rally a year.

Although anyone has the right to live like a hermit and not be active in politics, think what would happen if all the pot smokers in America mobilized? We could take a big step towards keeping America from sliding back into the dark ages. Don't be a fool! Stay free and stay high.

--Captain Freedom
Washington, DC

We can only add everyone should join the Freedom Fighters (see ads on page 77 for both organizations). For an example of the effects of political involvement, check out the article on page 36 about the mayor of Eureka Springs.

FRANK MAX

GOING UNDER

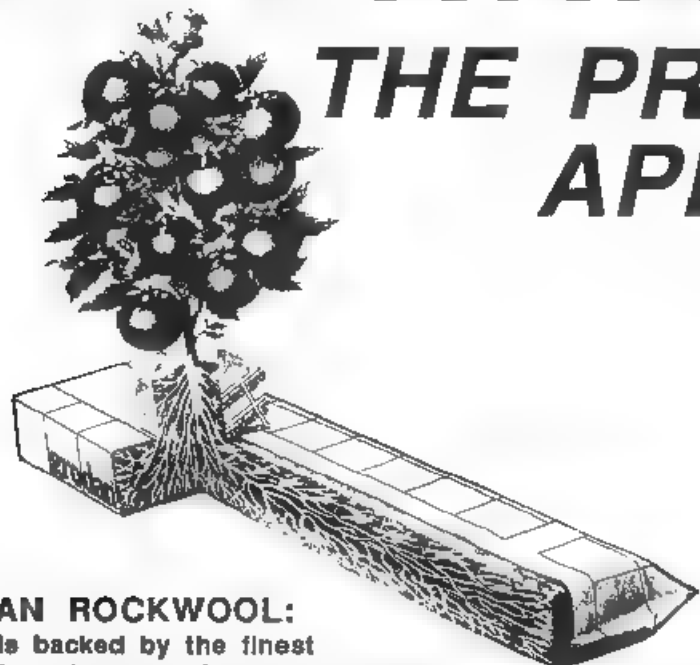
As soon as I picked up the August '89 issue, I headed for the article "Staying Underground" by Deane Jordan. This piece provided a wealth of information. Although I'm not ready to go into hiding (yet), it will prove invaluable should the occasion arise. I've already ordered a set of fake IDs and I'm considering ordering the books you advertise every so often (*The Paper Trip*, *100 Ways to Disappear*). By the way, has Deane Jordan published any books on the subject, and is he a member of the HIGH TIMES staff?

--Kappa Man
Bangor, ME

Deane is a freelance writer and "Staying Underground" was his first article for HIGH TIMES.

continued on page 75

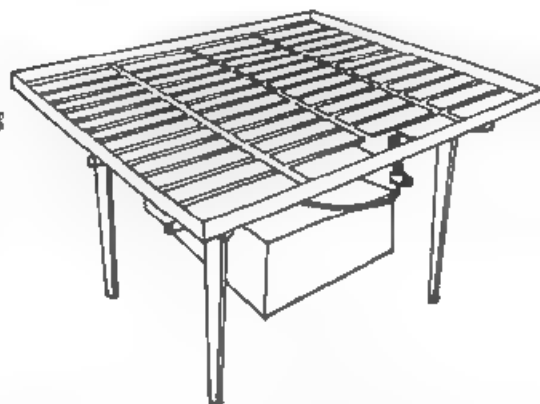
ALTERNATIVE GARDEN SUPPLY



THE PROFESSIONAL APPROACH FOR THE HOBBY GROWER

At Alternative we believe your best value comes from buying the best quality you can afford. Ask me about the Alternative system that fits your budget and is best suited for your crops growth. Here's to your better growing!

Best Regards,
David



A.G.S. INC

297 N. BARRINGTON RD.
STREAMWOOD, IL 60107

FREE CATALOG

(800)444-2837

RETAILER INQUIRES INVITED

GRODAN ROCKWOOL:

Grodan is backed by the finest technical assistance of any company we've had the pleasure of working with. We have the largest selection of Danish Grodan products available.

PROFESSIONAL EBB & FLOW SYSTEMS:

Manufactured in Denmark, GROMaster ebb and flow tables can be ordered in widths of 4, 5, 6, and 6.5 feet by any length over 4 feet. Smaller sizes are also available. The rolling-bench feature of professional tables allows you to easily maximize the useable space in your grow room. Flo-Magic tables from Holland measure 3 feet 9 inches by 7 feet.

LIGHTS:

We offer a complete line of Hydrofarm light systems. With the best functional design and construction, Hydrofarm lights have a 5-year guarantee, (1 year for bulbs). Our P.L. lights systems are designed in Holland. Recognized worldwide as a lighting specialist, it is P.L. that provides light in Dutch grow-rooms and greenhouses.

GROW KITS:

Applied Hydroponic's Hydrofarm Quantum and Sun Circle's 3 foot by 3 foot Vegi-Table are just a couple of the kits available. We also offer assistance to the many growers who want to design and build their own systems using quality parts from our parts department. With professional equipment you can build your own ebb and flow table or drip system.

GROW SUPPLIES

FERTILIZERS: Formula 1, Eco, Dyna, Hydrofarm, David's Grow and more
ORGANICS: Worm Castings, Bat Guano, Mexicrop Seaweed, Budawai and Super-T
CLIMATE CONTROL: CO2 Systems, Vent Fans, Thermostats, Humidistats
LIGHT MOVERS: Light Tracks, Sun Circles, Whirligigs
BULBS: Metal Halide, High Pressure Sodium, Fluorescent, HPS Conversion
TESTING EQUIPMENT: PH, TDS, Electrical Conductivity, Temperature, Humidity
PUMPS AND TIMERS: Little Giant, Teel, Dayton, Woods
PEST CONTROL: Predator Mites, Encarsia Formosa, Red arrow, Safer

AUTHORIZED A.G.S. INC. & HYDROFARM RETAIL STORES

MADISON, WISC.
MADISON INDOOR GARDEN SUPPLY
6420 BRIDGE RD.
MADISON, WI 53713
(608) 221-9292



For a catalog
listing store
products & prices
call the store
nearest you

CHICAGO, ILL.
CHICAGO INDOOR GARDEN SUPPLY
297 N. BARRINGTON RD.
STREAMWOOD, IL 60107
(312) 289-4545

THE BEST OF ★ HIGH TIMES VOL. VII edited by Ed Rosenthal

*The Best of HIGH TIMES—
108 pages of our greatest
grow articles, selected
and edited by the Guru of
Ganja, Ed Rosenthal!*

*If you missed Making
Hash with Homer Grown,
the Guerilla Farmer, or
the Importance of
Ruderalis, you won't
want to miss the Best of
HIGH TIMES Vol VII!*



CALL TOLL FREE FOR ORDERS ONLY

800-435-0715



In Ill. 800-892-0753



- ☐ Payment enclosed
☐ MasterCard ☐ Visa

Card # _____

Expiration date _____

Signature _____

UNITED STATES

- ☐ 1 YEAR \$29.95
☐ 2 YEARS \$54.95
☐ BEST OF HIGH TIMES VOL. VII, \$4.95

CANADA & FOREIGN

- ☐ 1 YEAR \$37.45
☐ 2 YEARS \$68.95

HIGH TIMES

SUBSCRIPTIONS
P.O. BOX 410
MT. MORRIS, IL 61054

Name _____

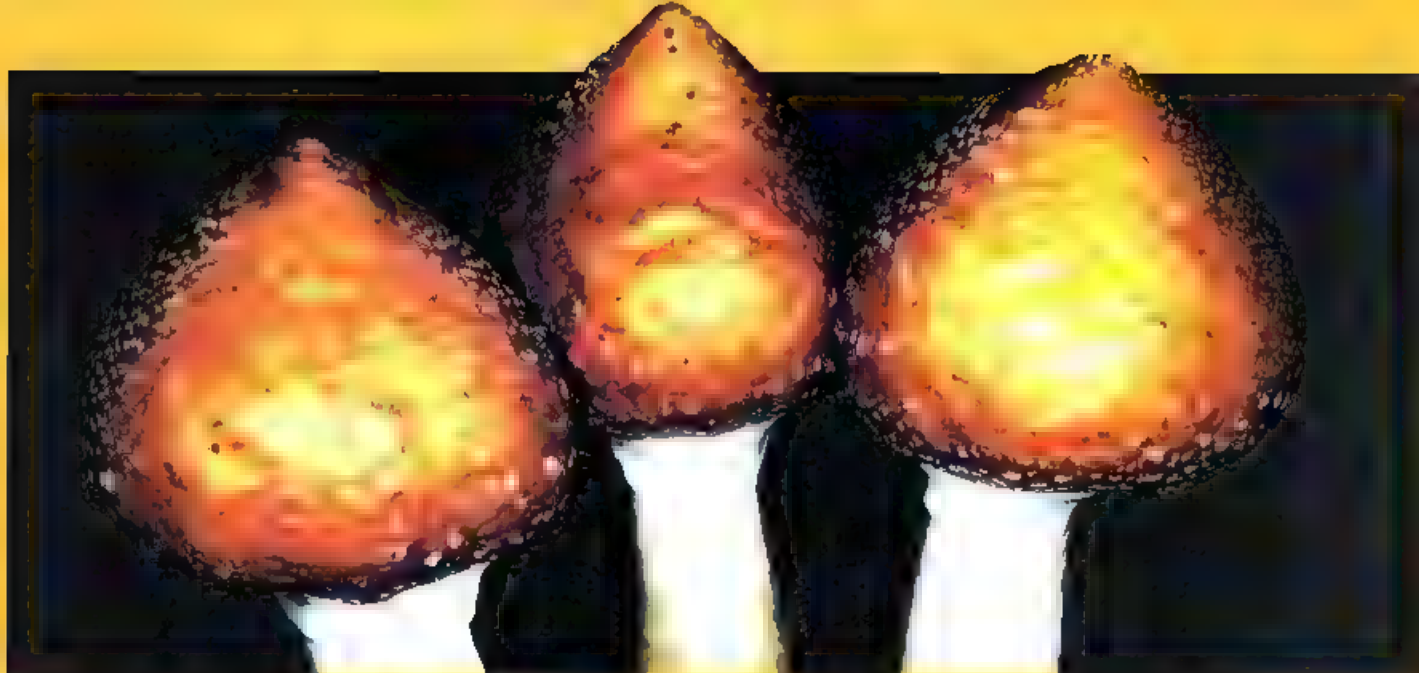
Address _____

City _____

State _____

Zip _____

PLEASE PAY IN U.S. FUNDS—ALLOW 6-8 WEEKS FOR DELIVERY.



Grow Wild Mushrooms Forever With The HOMESTEAD Mushroomkit

A decade ago, the Homestead Book Company introduced the first **Psilocybe Cubensis** Mushroomkit. Since then thousands of people have learned the joys of cultivating your own mushrooms.

Each Homestead Mushroomkit includes a life time supply of fertile spores and two pounds of our rich high-yield compost. You also receive supplies, reusable tools, and ten pages of instructions from Bob Harris' book **Growing Wild Mushrooms**.



TOLL-FREE ORDER LINE
800-426-6777 CREDIT CARDS
ONLY. (except WA, AK, and HI).
All others please call
(206) 782-4532.

**HOMESTEAD BOOK
COMPANY**
Serving You Since 1972.

SECOND PRINTING
THE MUSHROOM CULTIVATOR
by Stamets and Chilton. A virtual
encyclopedia for serious
mushroom growers, with over
400 pages of detailed
information and photos.



- ☐ Deluxe **Psilocybe Cubensis**
Mushroomkit \$50
- ☐ Spore Print...
millions more \$25
- ☐ **THE MUSHROOM CULTIVATOR**
—Highly recommended \$25
- ☐ **GROWING WILD MUSHROOMS**
...Simple guide ... \$11
- ☐ **MUSHROOM CULTIVATION**
... Video \$89

Total Enclosed _____
VISA _____ MC _____ Expires _____
Card Number _____
Signature _____

Name _____
Address _____

Washington residents add sales tax. Fo-
reign add 20% US Funds. Money Orders
processed fastest. Sold in fine stores, too.

•HOMESTEAD•

P.O. Box 31608 Seattle, Wa. 98103
(206) 782-4532
Dealer Inquiries Welcome

GET READY FOR THE '90s...

with the 1990 HIGH TIMES Calendar!



Let HIGH TIMES take you into the '90s with our all-new, full-color calendar, featuring all the best buds, original artwork, and scenes of pro-legalization rallies from across the country. Plus, the dates of next year's important rallies are included! So count down the days to legalization... with the 1990 HIGH TIMES Calendar!

CALL TOLL FREE FOR ORDERS ONLY

800-435-0715

In IL. 800-892-0753

Payment enclosed

☐ MasterCard ☐ Visa



Card # _____

Expiration date _____

Signature _____

Name _____

Address _____

City _____

State _____

Please send _____
calendars @ \$6.95 each

Total _____

Zip _____

Please pay in US funds--allow 6-8 weeks for delivery.

HIGH TIMES PO BOX 410
1990 CALENDAR MT. MORRIS, IL 61054



NOVEMBER 1989

NO. 171

HIGHWITNESS NEWS

WOODSTOCK: TWENTY YEARS AFTER

by Eric Brothers

Ralph Lake of Casper, Wyoming was the first to arrive. The long-time hippie planted his geodesic tent near the stone monument that commemorates the event he had come to celebrate. He was, of course, celebrating the Woodstock Music and Art Festival 20 years after on the same site and on the same days that saw 400,000 hippies descend on Bethel, NY, for three days in August in 1969.

"I've been smoking marijuana and eating acid and peyote for probably 25 years," Lake boasted. He was particularly excited about the crowd of thousands that, like him, decided to hang out on Yasgur's Farm as a show of community. "This wasn't simply a reunion of grown-up 'flower children'; there were teenagers wearing Metallica t-shirts, members of a New York City motorcycle gang, local farmers, families with children, senior citizens, old hippies like Lake and, of course, the press.

The first day of the anniversary, August 15, was commemorated in a special way by two local musicians. At 5:07 PM, twenty years to the minute that



PAUL KNEISEL

According to one Woodstock veteran, who returned for the anniversary, "Without a doubt, there's a message here."

Richie Havens was pushed on stage at the original festival, Rich Pell and Will Hoppey began jamming on a wooden stage where the original one sat twenty years earlier. This marked the beginning of the Free Stage, where anyone who wanted to could perform in front of the steadily growing audience. The concert was totally spontaneous and lasted, off and on, for the five days people camped on the site.

Meanwhile, another concert at the Imperial Hotel in nearby Swan Lake, was scheduled to mark the anniversary. Dubbed 'Remember Woodstock,' this three-night concert cost \$30 per night and featured a few Woodstock veterans. Only 400 people showed up each of the first two nights and the last show was cancelled. When asked why they were not going to the Imperial Hotel concert, many people at the site--both veterans of the '69 festival and current celebrants--simply said they did not want to leave Yasgur's sloping alfalfa field.

Volunteers from local ambulance corps set up a first-aid tent at the site's entrance and ran it 24 hours a day. Free food--including hot dogs, corn on the cob and coffee--was given out to those who couldn't afford it. The aroma of pot and beer scented the air. Strangers struck up conversations, talking as if they had known each other for years.

Everybody was "grooving" to the sights and sounds of the "new" Woodstock. "Without a doubt," said Duke Devlin, who came to the original festival and remained in the Bethel area, "there's a message here."

Two 'headliners' did show up at the original Woodstock site. After midnight on Friday night, Melanie climbed the stage and sang 'Beautiful People.' "It's a pilgrimage for me," the singer said, "of course I came back." The next night at 8:30, Savoy Brown (not one of the original bands, but popular at the time) began an energetic, blues-rock set. David Waker, the exuberant lead singer, said, "We experienced something this weekend that really underlines how special this site is." The group recently released an album, *Kings of Boogie*, on Crescendo Records.

The most amazing thing about Woodstock '89 was that the crowd didn't come to hear their favorite bands--they just wanted to be together on the piece of ground where history was made 20 years before. A few days after the anniversary ended, a handful of tents, including Ralph Lake's, still dotted the field. Lake said he would be back for Woodstock '90. Many other people said the same thing. To many, Woodstock is a state of mind, but for a week this past August it truly sprang to life. ●



PAUL KNEISEL

ON THE OREGON TRAIL, RECRIM FAILS

by Paul Stanford

Oregon was the first state to decriminalize pot. In 1973, the Oregon legislature made possession of an ounce or less of marijuana a simple violation subject to a ticket and a \$100 fine. Today, several factors have made Oregon a frontline in the government's War on Drugs.

Oregon produces the nation's largest marijuana crop, valued at well over one billion dollars annually. While outdoor growers ply their trade in uninhabited southern Oregon, indoor growers are rapidly multiplying in the state's urban centers. Cheap electricity, availability of top-notch strains and rising prices continue to swell the number of Oregon's indoor marijuana plantations—estimated to exceed 25,000 in Portland alone.

Oregon is the only state to put legalization of marijuana possession and cultivation for personal use up for a vote. (Alaska's Supreme Court legalized personal cultivation in 1973.) In 1986, the Oregon Marijuana Initiative (OMI) gathered enough signatures to force a vote on the pot issue. The proposal was rejected by 74 percent of Oregon's voters.

OMI is again at work with a new proposal which would allow Oregon adults (over 21) to legally grow three plants for personal use with the purchase of a \$50 state permit. Funds raised through the sale of these permits would be used for alcohol and drug treatment. In July, the campaign had 20,000 of the 80,000 signatures needed to force another vote on the marijuana issue. The activists are aiming for the November 1990 election.

Meanwhile, the 1989 Oregon legislature has adopted a get-tough attitude towards marijuana. Anti-marijuana activists, well organized after opposing the '86 Initiative, lobbied extensively this past spring to recriminalize possession of less than an ounce of cannabis. OMI lobbyists were able to prevent the reactionary pols from raising the possession penalty to a more serious misdemeanor status (in other words, to a jailable offense), but couldn't stop the state legislature from increasing the fine and penalties for possession of an ounce or less from a \$100 fine to a minimum of \$500 and maximum of \$1,000 as of January 1, 1990. The new law includes a provision to avoid the fine by entering

court-approved, self-financed drug abuse treatment. The state can now penalize parents who refuse to enter treatment by taking custody of their children.

More bad news from the Beaver State came in July when Gov. Neil Goldschmidt called out 40 National Guard troops to assist Portland-area police in drug cases, making Portland the first city in the country to use the National Guard to fight drugs. Appearing on NBC's *Today* program, Portland's Mayor Bud Clark said, "This may be a model. It's a good example for the rest of the country... Portland is a test market for new products. Now we can be a testing ground for innovative government."

While Oregon's director of the National Guard, Gen. Fred Rees, admitted that the Department of Defense had given Oregon \$474,000 to battle drugs and crime, he said, "The National Guard is not supposed to be in the arrest or seizure business."

The governor, who deployed the National Guard for the first time since 1970, did not appear at Ree's announcement. The state's criminal justice coordinator, Robert Jackson, said, "We're not going to walk away from this saying 40 troops is enough until we've gotten rid of the drug problem in Oregon and specifically Portland."

After two weeks on duty, the troops, carrying .45 caliber sidearms, had publicly assisted in a sweep of drug houses and a teenager curfew roundup. Oregon's State Police Lt. Bernie Giusto said, "Marijuana is still the number one drug problem in Oregon." Military infrared heat scanners are being used to detect indoor marijuana growers.

There was good news to report, however, when activists staged a smoke-in on June 27, during the Green Party's annual convention in Eugene. Protestors marched with a 25-foot long joint for more than a mile through Eugene to the convention being held at the University of Oregon. The huge doobie was the creation of hempmeister Jack Herer, who personally decorated the spliff.

The rally was staged to urge the Greens to highlight marijuana reform in their agenda. Speaking at the event were OMI representative John Sajo, Yippie activist Dana Beal and pot activists Dr. Fred Oerther and Herer. Three bands provided entertainment for the crowd.

The peaceful march and protest, billed as a spontaneous demonstration for freedom, was carefully monitored by the local police. No arrests were made.

For more information about OMI, write, PO Box 8698, Portland, OR 97207. Contributions are greatly appreciated. ●



PAUL KNEISEL

TOMPKINS SQUARE RIOT REMEMBERED

The First Annual Tompkins Square Park Riot Memorial was held in New York City on the night of August 5. Attended by several hundred assorted homeless people, Yuppies, punks and Lower East Side residents, the event commemorated the police riot last year where dozens of people were brutally beaten. David Peel and band (pictured) led the demonstrators in a sing-a-long of his song, 'Die Yuppie Scum!' Jerry the Peddler and other Yuppies passed out free herbal refreshments during an impromptu sitdown on Avenue A. Six people were arrested on standard POPO ('Pissing Off a Police Officer') charges. One demonstrator suffered a broken nose. All received Desk Appearance Tickets, allowing several to make it back in time for the Avenue A sitdown.

—Paul Kneisel

ONE WOMAN'S DOPE

COMING BACK FROM CRACK (Pt. 1)

by Maia Szalavitz

The horror of crack addiction is beyond imagination. Recovery can only be described as miraculous and, as discussed last issue ("Finding the Cure for Crack"), can only be achieved on a long-term basis through twelve-step programs such as Alcoholics Anonymous.

What follows is one man's account of his recent recovery from crack and cocaine addiction.

It was New Year's Eve. I was in my sophomore year of college at an Ivy League school. I had mono, was frail and weak and should have been home resting, but I went to a party anyway.

My sister's boyfriend invited me into the ladies' room with him. He was good looking, really sharp and rich. He took out a \$100 dollar bill full of white powder, grabbed this girl—a gorgeous, exotic, Spanish-looking woman with a red spaghetti strap dress on—and sprinkled the powder across her breasts. He proceeded to roll up the \$100 dollar bill and tell me to snort the line off her chest. I did exactly as he said, and then the girl asked when she'd get hers. He told her to shut up, that she would have her turn. He took one strap off her shoulder and I took the other off. She wriggled free of her dress and we just started making out right there. I thought, "This stuff makes me know that I'm God."

I was completely in the moment and at peace. But it seemed that every time after that coke experience I was just chasing the first high. But that first time would be the only time it felt like that.

At first, I got coke for free. When I had to start paying for it, I stole my sister's credit cards. And it wasn't about getting high, it was about staying in control. What a deal this was for someone who got beat up all the time as a kid. Now I had all these new friends, not to mention gorgeous women, because I had coke. I treated them the same way I was treated when I was younger. You want my coke, you take your shirt off.

I could make anyone do whatever I wanted.

Time went on, more scamming, ripping off dealers and getting thrown out of school. The fourth time I got back into school I made a real effort to stop. I bought books and studied, but then I got bored and I started to freebase.

The first time I based was at a birthday party for me. I saw people passing this bong around and I asked if it was



pot they were smoking. "No, better," somebody said. They were really mellow, the sound of the water bubbling seemed good and the white smoke was clean and minty. So I did a hit. The high came so much quicker, was so much more intense than lines. I jumped around the apartment and then went to this bar I was always afraid to go to. Base made me feel six foot-nine.

I hooked up with this little skinny guy with a mouse face, who was based out of his head. He fronted me everything, and when I asked him why he was doing this for me, he said, "Because I love you." No one knew him or would talk to him. He needed me.

One day, he said he'd added it all up, and I owed him \$15,000. When I protested, he pulled out a gun and said I had a few months to get him the money. I placed bets with a bookie to raise some of the money, but mostly I robbed and scammed. I stole from roommates, broke into dorm rooms; I got thrown out of school again. After forging thousands of dollars of my parents' checks and stealing my father's prescription card (he's a doctor), they handed me \$200 and threw me out of the house.

I wandered around homeless in New York's Grand Central Station for a while. Then I left New York and went to Florida where I immediately started basing and drinking with some Colombians. Months later, on another New Year's Eve, I flew back to New York. One of the stewardesses on the flight in-

vited me to a party when we landed.

The next thing I remember is coming out of a blackout and two blonde stewardesses were holding my wrists and banging me [injecting me] with cocaine. I moved in with one of the stewardesses, but eventually she threw me out for stealing from her.

One day, I made eye contact with a kid sitting on a park bench. "You wanna smoke some crack?" he said and offered me this pipe. It wasn't like lines or even base. Crack gave me what I always wanted—total silence. First I'd hear metal banging in my head, then...catatonic. Though my new crack friends would get violent and manic, for me it was like having a lobotomy.

Crack took away anything that was left of myself—even my drinking. I couldn't have conversation because all I could think about was crack. Actually, I didn't have any thoughts about anything. I stooped so low that I bought a switchblade and started mugging Japanese tourists.

I did crack for about eight months—eight fucking miserable months. But you can't keep going on crack, you just can't. My last day, I locked myself out of my apartment and suddenly I was afraid to use my knife [to mug tourists]. For the first time in my life, I begged for spare change.

I had been through a lot of pain before, but crack was the worst. I looked in the mirror and howled—an anguished scream at the top of my lungs—at what I'd become.

Thanks to my brother, who was in Alcoholics Anonymous, I finally went to an AA meeting. I had no attitude. They could see that I was ready. All it really took was this girl who came over to me and said "We love you," to keep me going to the meetings. They told me to be brutally honest, so I threw chairs at them and called them faggots, and kept going to the meetings.

I had really gotten insane. I would sit at meetings all day and then be afraid to leave the meeting place. People would invite me out for coffee, but I just sat there. They brought me donuts. They cared.

I had nothing when I came in, but when I put my hand up in a meeting I was included the same way I was included when I walked into a room with cocaine in it. The same feeling. But I had real friends now. I didn't have to do anything, just get better. Their love was strictly unconditional.

Now, 13 months later, I have an apartment with my name on the lease and my own phone. I'm not a small boy lost in the big world anymore. I'm happy, joyous and free, but of course, there is some pain. I understand pain now, and don't try to go around it. Once I go through it, I never have to go through the same pain again. ●

DAVID ALLEN

PARAQUAT'S BACK

by Jon Gettman

A small percentage of street-bought marijuana was found to be contaminated with paraquat or glyphosate, the DEA revealed in August. These two toxic herbicides are used by foreign governments and encouraged and funded by the United States.

Last summer, the DEA purchased 100 street samples of marijuana in New York, Atlanta, Chicago, Dallas and Los Angeles. The buys were made as part of a research program to track price, potency, availability and country of origin of street pot. Ten percent of the samples were tainted—seven with paraquat, three with glyphosate. Joan Zolak, a research specialist for the DEA, told the *Washington Post* that the survey was "too limited to make any broad-based generalizations."

But Doug McVay, Projects Coordinator for NORML, says, "This shows the failure of officials to keep contaminated marijuana from being sold." In the past, NORML has used the courts to force the DEA to follow elaborate procedures, to insure that marijuana sprayed with paraquat is taken into Federal custody. Paraquat has only been sprayed within the United States a few times this decade, most recently on wild hemp in Texas. Domestic use of paraquat has been defended as a means of preventing foreign governments from halting their own spraying programs.

Glyphosate is sold here under the name "Roundup" and is used in Jamaica, Colombia and Belize. Paraquat is the herbicide of choice for the Mexican marijuana eradication campaign, which targets an annual marijuana crop in excess of 12 million pounds. Mexico is the second-largest foreign supplier of cannabis to the U.S.

Javier Trevino, counselor for drug policy at the Mexican Embassy in Washington, DC, refused to comment on the issue of paraquat contamination of Mexican marijuana. However, he stressed that the Mexican government is "working very strongly to eradicate marijuana in Mexico. It is a national priority. We are not worried about the effects the marijuana might have [in the U.S.]. Nor is he very concerned about the effects paraquat might have on Mexicans who are sprayed with the stuff."

Exposure to paraquat can cause fibrosis of the lungs and, according to the National Academy of Sciences, even lead to death. Nonetheless, our government officials continue to claim that the effects of marijuana smoking are more of a health threat than the one posed by paraquat spraying in eradication programs.

NORML counsels concern, but cautions against over reaction. "There is probably no need for panic," says Mc-

Vay, who believes that the main unintended result of spraying programs will be to "inevitably boost the popularity of home-grown." The original application of paraquat in Mexico in 1978 is widely credited with having been a major factor in the emergence of the US marijuana industry.

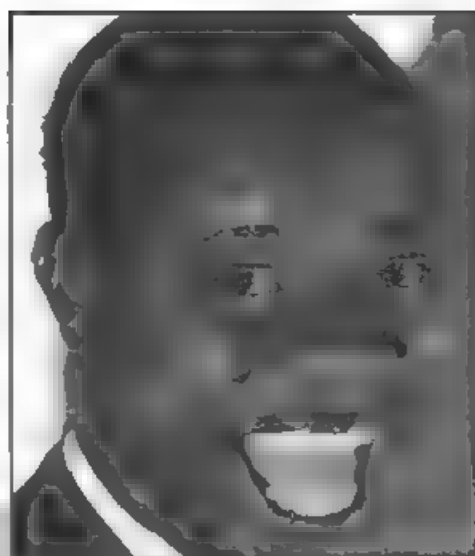
Although the likelihood that any given purchase of marijuana could be contaminated is small, there are only two completely reliable ways to protect yourself—either have the DEA test it for you or buy domestic. Given this choice, who wouldn't prefer north-of-the-border green to south-of-the-border gold? •

LOUIS TOKES

In the TV documentary, *Satchmo*, which aired on PBS stations in July, the story of Louis Armstrong's fondness for marijuana was told. Armstrong, who was busted for smoking pot outside Sebastian's Cotton Club in Los Angeles in 1930, called marijuana "an insulator against the pain of racism." He smoked it all his life.

Saxophonist Dexter Gordon, who was a member of Armstrong's band in the '40s, related this wonderful story to the program's director, Gary Giddins (he wrote the book, *Satchmo*, which the documentary was based on):

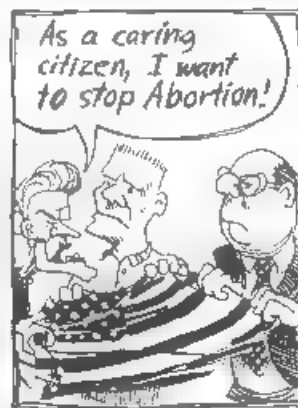
"Every night in the intermissions I'd go out and roll up a couple of joints of good Mexican grass. Often Pops [Armstrong's nickname among jazz musicians] was out there and he would come



with what he would call his New Orleans Golden Leaf, which was very, very sad—it was terrible, did nothing. Funny thing happened. After a couple of weeks, I noticed every time there was intermission, I'd go outside and Pops would be there. Finally, one night I said, 'Pops, I noticed the last couple of weeks you don't come out with your New Orleans Golden Leaf anymore.' He said, 'Shit, son—that's like bringing a hamburger to a banquet.'"

Fellow trumpeter and band leader Zinner Randolph added about Armstrong: "When he came off the intermission, Pops would say, 'I'm ready, I'm ready, so help me, I'm ready.' When he said that, the folks just rolled in. And he was ready, Pops was really ready. Uh hum." **-SB**

BARTIS





by Mary Lynn Mathre

NORML-IZE R

MORE MYTHS ABOUT MARIJUANA

Myths have played a major role in the history of the anti-marijuana laws. What used to be a medicine highly valued by American physicians has become a forbidden Schedule I drug—not available for use even by prescription. Originally outlawed because of widespread "reefer madness" scare stories, current cries of alarm concerning the dangers of marijuana warn of "amotivational syndrome"—a complete turnaround. Outrageous claims about marijuana's negative health effects continue despite a long history of worldwide use with no drug-related deaths. It boggles the mind that simply because an "un-truth" is put in print by someone in "authority," it is accepted as gospel truth. Let's examine some of these claims.

Reefer Madness: In 1937, Harry Anslinger (head of the Federal Bureau of Narcotics, now the Drug Enforcement Administration) testified before Congress claiming, "Marijuana is the most violence-causing drug in the history of mankind." Stories of people going insane or committing crimes such as rape and murder while under the influence of marijuana were spread through the media. However, 11 years later, Anslinger contradicted his original claims and pronounced that marijuana caused its users to become pacifistic. This turnabout came too late. Millions of Americans had already viewed the 1936 film, *Reefer Madness*, and most Americans held the myth to be true. Today, many senior citizens remember and still believe in 'reefer madness.

Amotivational Syndrome: Twenty years after Anslinger's introduction of the marijuana pacifist, "amotivational syndrome" began being promoted, as another consequence of marijuana use. This syndrome is marked by personality changes such as apathy, loss of ambition, loss of effectiveness, diminished ability to carry out long-term plans, difficulty in concentration and decline in school or work performance. The problem here seems to be one of putting the cart before the horse: Which comes first, heavy marijuana use or amotivational syndrome? Some researchers believe that heavy marijuana use may be a response to an already present syndrome. Currently, there is no consensus among researchers that marijuana causes amotivational syndrome, but there does seem to be a relationship between

the syndrome and heavy marijuana use.

Marijuana is a Dangerous Health Risk: Some of the supposed health risks linked to marijuana (causing AIDS, for instance) are so outrageous that I refuse to address them. But I will address whether marijuana causes lung cancer, heart and brain damage, birth defects or gynecomastia (breast development in males), decreases sperm count in males, breaks chromosomes or is highly addictive.

But first I'd like to squelch the biggest myth of all, that legal drugs are safe. Pharmaceutical companies continually claim that their drug "goes right to the pain," is "completely safe and effective" and so on. We are supposed to conclude that as long as a drug is "recommended by most doctors" and is sold over-the-counter there is no health risk



associated with its use. Not so. No drug is completely safe—even aspirin and Tylenol use cause many deaths each year.

To tell you that marijuana is completely safe would be to tell a lie. However, unlike most new drugs, marijuana has been consumed for thousands of years; history has not validated the "dangerous drug" scares. But why is there so much confusion about marijuana's health effects? The reasons are numerous. Because of its illegal status, most of the research done has been performed on mice, monkeys or other non humans. Although such studies can give helpful information, especially with newly-developed drugs, the results cannot be directly related to humans. Other studies have been conducted on humans using THC capsules—not marijuana, with its numerous cannabinoids. These results cannot be directly related to marijuana.

Another very important factor to consider is dosage. In some marijuana studies, animals were given very high dosages until a negative effect was achieved. Was the negative effect permanent or just dose-related? Long-term studies on humans have not always been valid because of the lack of quality control: What was the THC content?

Was there any contamination (from drugs or other matter)? Was there other drug use? Do some of the carcinogens come from the paper used to roll the joint? These are just some of the factors that add to the confusion. The logic in many cases seems to be nothing more than "it's illegal, so there must be something dangerous about it."

Now back to the health-risk claims.
Marijuana causes lung cancer or lung damage: More studies are needed, but heavy, chronic marijuana use can cause damage to the lungs and airway. **Causes heart damage:** Generally, smoking marijuana can have effects similar to stress, but there is little evidence of permanent damage. For people with heart problems, the increase in heart rate and possibly blood pressure caused by smoking can be a dangerous side effect. **Causes gynecomastia:** There have been a few rare cases, males are encouraged to stop using marijuana if this develops.

Marijuana decreases sperm count or motility: Studies have shown a decrease in sperm count and motility, but by no means has this been effective as a method of birth control. The count and motility appear to return to normal when marijuana use is discontinued for a period of time. **Breaks chromosomes:** Marijuana use does not appear to break chromosomes. **Causes birth defects:** There is no conclusive evidence of this, many of the studies include women who also consume alcohol, tobacco or other drugs which have been linked to birth defects. NORML does not recommend marijuana use (or any other drug) during pregnancy.

Marijuana is highly addictive: There are no dangerous withdrawal symptoms when a heavy, chronic user abruptly stops smoking. However, some people may become addicted to marijuana, and are unable to use it in a controlled manner. People who use psychoactive drugs on a regular basis must assume responsibility for the consequences of their use. If unable to do so, a person should seek professional help for possible addiction. ●

KRASSNOST!

by Ted Petramalo

Paul Krassner has been doing political satire ever since founding the underground magazine, *The Realist*, in 1958. "Growing Up Funny With Paul Krassner" is but the latest incarnation of the Yippie co-founder's long-running stand-up act. Currently playing in several small theaters around Los Angeles, "Growing Up" is not your typical comic stand-up; it's more like an intimate rap session combined with reminiscences.

Krassner's act revolves around a set of whimsical, intertwining portraits and stories which he describes as "reality interspersed with entertainment." Beginning with tales of life during the cold war '50s, Krassner explains that he originally came into contact with reality when, as a six year old violin prodigy, he acrobatically scratched an itchy leg during a performance of Vivaldi at Carnegie Hall. In another hilarious story, Krassner tells about losing his virginity under the watchful eye of Alfred E. Neuman in the offices of *Mad* magazine. We also learn that his childhood heroes were Charlie McCarthy and Frank Sinatra.

Krassner doesn't spend all of his time musing on the past. He touches on such varied topics as sex, politics, religion, consensus reality, secular humanism and flag burning.



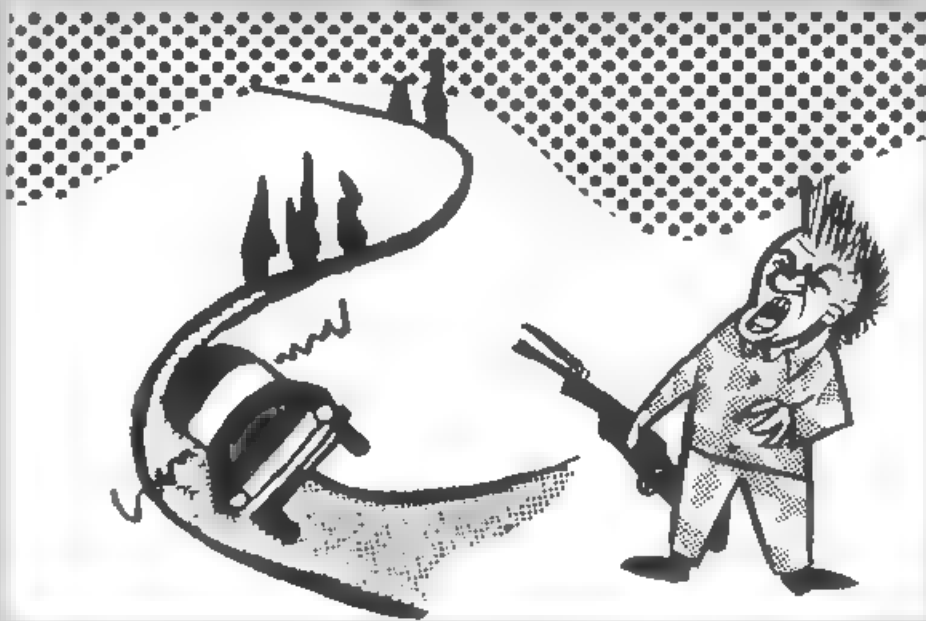
His memories of Abbie Hoffman and the Yippies are both funny and touching. Krassner actually applied for a permit to levitate the Pentagon and tells how Abbie talked him into going to Iowa to get 13 pounds of corn meal for the magic ritual.

Groucho Marx once predicted that Paul Krassner would "wind up as the only live Lenny Bruce." Someday, when people ask "Whatever became of the Yippies?", it may be Krassner who is remembered best. The self-proclaimed "laughter junkie" has never abandoned the cause or lost the spirit, he's still refreshingly optimistic.

"Growing Up Funny With Paul Krassner" will soon embark on a tour of college campuses, and there is even talk of bringing the show to Russia, where it would be renamed "Krassnost." Krassner is also working on his autobiography, look for an excerpt in an upcoming issue of *HIGH TIMES* ●

OUTLAW NATION

THE MOHAWK TAKES A STAND



FRANK MARX

by Dean Kuipers

A chunky Mohawk warrior in full summer camouflage gear peers down a dark stretch of Highway 37 through a night-spotting scope, the bayonet fixed to his new-smelling AK-47. About a half-mile away, just over the recognized border of the Akwesasne territory in Massena, NY, a detail of eight state troopers pops road flares to illuminate a restricted-entry checkpoint. The Akwesasne—its Christian name is "St. Regis"—is a stretch of hardwood forest about six miles long and three miles wide, straddling both sides of the St. Lawrence River where upstate New York and Canada meet. For over two weeks, solemn warriors have been engaged in a standoff with Federal assault teams and New York state troopers.

The young Mohawk, in his twenties, pushes the AK-47 across a tangle of searchlights and radio leads cluttering the hood of a rusted-out Oldsmobile, which serves as a barricade for their checkpoint. Thirty rounds of 7.62 ammunition are jacked into each AK, with a second clip taped to the first, for quick flip-flop. I ask the youngest of the five warriors at the outpost what he would do if the National Guard invaded the Rez.

"Some of us would get killed," he says. "But for every one of us they got, twenty of them would die."

"We got a man out there in the woods," mumbles another, nodding his head in the direction of the state police. As he raises his arm to point, a rifle shot explodes in the darkness a few hundred yards away. In one unconscious mo-

tion, all five of the barricade warriors rack a shell into their rifle chambers, locked and loaded. We snuff the lights and wait.

Only two weeks earlier, Highway 37 had been jammed with Montreal gamblers who drove an hour to lose big money at Akwesasne's seven high-stakes casinos. Only bingo and lottery are legal in either New York State or the Canadian provinces of Ontario and Quebec, all of which come together at Akwesasne. US Feds now claimed to have the jurisdiction necessary to close down the casinos, which have been operating for about two years. A significant portion of the Six Nations Iroquois Confederacy—the related tribes who share Akwesasne—believe the US no more has rights in their territory than it does in Grenada, Nicaragua or Puerto Rico.

Last July 20, a huge assault team, comprised of about 100 Federal agents, 200 NY state troopers and a half-dozen U-Haul trucks roared into Akwesasne at dawn, bearing arrest warrants for 12 casino operators and looking for slot machines. Both Guilford White, owner of the Mohawk Bingo Palace, and Anthony Laughing, owner of Tony's Vegas International, admitted that Mohawk businesses had been tipped off days before. No one found any slots.

Indeed, a bleary-eyed mob of armed and pissed-off warriors dragged logs and tanker trucks across the road, sealing off the central village of Hogansburg. Fifty-seven year-old Pete Burns sat on the hood of a car in the parking

ENERGIZING THE '90s

by Lou Stathis

lot of his casino and held off the *Fed erales* with an empty shotgun. A tense, volatile stand-off ended hours later, when agents arrested Laughing, Bear's Den owner Eli Tarbell and nine others, then backpedaled to their poolside HQ at the Flatlanders Inn in nearby Massena.

Mohawk warriors, in turn, quickly set up 24-hour armed patrols and an im promptu base camp under the blue plastic tents at Harriet Boots' Flea Market.

The warrior resistance to the raid is semi-organized, but their support within Akwesasne is by no means unanimous. In fact, a Mohawk government faction including members of both the Mohawk National Council of Chiefs and the Tribal Council had written a letter to the US Attorney in Syracuse requesting the crackdown. The incident has opened fissures along a dozen divergent lines among the Haudenosaunee "the people of the Longhouse."

Three governments compete for Indian loyalty on the territory. Mohawk traditionalists—or most of them, anyway—subscribe to the Council of Chiefs, a circle of spokesmen from the nine clans, chosen by the Clan Mothers to speak in the Longhouse (Mohawk society is powerfully matriarchal). Although such a system of tribal rule had been used by the Mohawk for millennia, the US refused to recognize such a system and created a three-member elected body called the Tribal Council in the '30s.

"I insist that you can't equate the Mohawk situation to any other Rez in this country," growls Fletcher Graves, a US Justice Department mediator who came to Akwesasne during jurisdiction disputes in 1979 and who also mediated at Wounded Knee in 1973. "The Mohawk people are one of the few tribes which were never defeated by the US in battle. They perceive themselves as a sovereign nation."

Mark Maracle, a spokesman for the Warrior Society, or Mohawk Sovereignty Security Force, says that the FBI actions are "an act of war," and that the warriors are bound by the Iroquois Great Law of Peace to repel any gringo invasion while the Nation flutters in a power vacuum. Two members from the Council of Chiefs have been absent for over 15 years, and without all nine, their traditional power is null.

Jake Swamp, one of the "fill-in" appointees to the Council of Chiefs, says he sanctioned the writing of the Casino Letter because he didn't see how the Six Nations could settle the gambling issue internally without bloodshed. An August 12 referendum vote decided the issue 480-57 in favor of legalized

continued on page 29

What with all that messy oil spilling going on—and not just in Alaska's Prince William Sound, (see last month's High-Sci), but also in three other spots around the US, all occurring within one 12-hour stretch last June—and the growing worries about fossil-fuel burning, nuclear plant safety and waste disposal, it would figure that initiatives toward clean energy alternatives would once again be coming under discussion.

All kinds of wacky ideas have been popping up; some, like plans for vast fields of giant-propeller windmills, are just dusted-off '70s energy crisis-era concepts; others are genuinely new and resourceful applications of current tech-know-how. Of the latter type, two recent proposals sound pretty cool. One employs a floating sea platform that pumps hot surface water 200 feet down to vaporize a low-boiling-point liquid (propylene), producing steam which rises to the surface to spin electricity-producing turbines, then condenses back into a liquid and drops down before starting the process all over again. The Indonesian government is already committed to buying all the juice turned out by four of these "ocean thermal-energy conversion plants" built by an outfit called Sea Solar Power (each of which is expected to produce 100 megawatts).

HIGH-SCI

The second interesting proposal uses semiconductor technology in an electrochemical imitation of photosynthesis (the sun-powered process plants use to manufacture energy). In this device, solar energy excites electrons in a thin semiconductor-sheathed membrane. These cranked-up little guys then bounce around inside neighboring vessels of sea-water, breaking the H₂O down into its component hydrogen atoms and hydroxyl ions. When the circuit is completed, electric current starts to flow. Clean, simple and quite promising.

Fusion power, a non-polluting and inexhaustible form of nuclear energy, is still the idea that attracts the most scientific attention and government money. Billions have been spent since the early '50s on sustaining a controlled fusion reaction (hydrogen bombs are examples of uncontrolled fusion reactions), but scientists have still come up short on one essential detail: it costs more in energy to initiate and contain the highly volatile fusion of hydrogen atoms into helium than the process puts out in harnessable power. What is called the

"break even" point for energy has yet to be attained. The biggest problem facing physicists has been how to contain a reaction that requires temperatures in the millions of degrees (centigrade) before the desired clumping of molecules begins to occur. Anything solid just melts when confronted with heat that intense, so scientists have been working with hugely powerful (and expensive) magnetic field generators that keep the fuel suspended inside donut-shaped containers, where in a plasma state (somewhere between a solid and a liquid) it can be bombarded with radio waves and particle beams. Using this technology, a \$314 million machine at Princeton's Plasma Physics Lab has fired heavy-hydrogen fuel (deuterium) up to 300,000,000°C and produced energy just shy of the break even point. Faced with budget cuts, physicists there figure it'll be another three to five years before they can nudge their "tokamak" (not a pot-smoking device) over the line into surplus energy production.

Meanwhile, Japan and Europe are surging ahead with their own better-funded fusion research efforts—especially Japan, where scientists are having great success with a system using laser beams to juice up the reaction's temperature. Foolishly, such technology is classified by the US military as secret (Star Wars and all that), thereby hindering free exchange of data and slowing research progress in this country (stuff published uncensored in Japanese journals is actually verboten here in the States, and an issue of *Scientific American* reporting some of their results was barred from circulation at US labs!). Needless to say, this state of affairs has made US physicists mighty cranky, faced with the humbling prospect of US scientific hegemony being challenged for the first time in the post-World War II era.

Into this big bubbling vat of controversy stumbled a couple of chemists (that designation is crucial)—Martin Fleischmann, of the University of Southampton (UK) and B. Stanley Pons, of the University of Utah. Last March they announced yet-to-be-published findings at a public news conference (a double-barreled breach of scientific protocol), claiming they had successfully initiated a "cold" fusion reaction in a simple, room temperature table-top device. This was akin to a cave-man announcing to a group of pyrophobes that he'd not only just discovered fire, but also invented matches. The rest of the scientific world, not surprisingly, reacted accordingly—they reached for their clubs.

(Next month, the whole chilling truth about cold fusion!) ●

QUICK FLASHES

by John Holmstrom

DRUGS ARE GOOD

A one-year study of hires who underwent pre-employment urinary toxicology screening at a large hospital show there was no difference in comparisons of job performance, job retention, supervisor evaluations, and reasons for termination between drug-positive and drug-negative employees. In fact, while 11 drug-negative employees were fired during the study, no drug-positive worker was. The findings were published by Dr. David Parish at the Department of Internal Medicine at the Mercer University School of Medicine in Macon, Georgia.

MUNCHIES FOR REAL!

According to *American Health*, behavioral scientist Richard Foltin tested six adult men for 13 days at the Johns Hopkins School of Medicine for signs of marijuana munchies. The men smoked four joints, or four placebos, a day. On the days they got high, the men ate 40 percent more calories (mostly candy bars, cookies, puddings) than on days they smoked the placebo joints, and gained an average of six pounds over the 13-day test period. Foltin also noted that the men slept longer and were less active on days they got stoned, which may have led to burning fewer calories.

EXXON DOES IT AGAIN

Veco Inc., EXXON's main contractor in the Alaskan oil spill cleanup, has instituted mandatory drug tests for all employees. Although the tests are "voluntary," hundreds of workers, as much as 40 percent of the cleanup force, have been terminated for refusing to take the tests, which include high levels of alcohol as well as pot and prescription drugs as cause for failure. According to an anonymous press release sent to *HIGH TIMES*, this action further victimizes those who have already been harmed by



JONATHAN SCHNEIDER

the oil spill fishermen, cannery workers, and other fisheries workers who have lost their fishing season due to the oil spill."



MARIJUANA MARTYR BUSTED AGAIN

Roger Trenton Davis, who appeared on the cover of the July 1983 issue of *HIGH TIMES* and was portrayed by *Rolling Stone* and *Playboy* as a "marijuana martyr" for being sentenced to 40 years in prison for possession of eight ounces, was convicted again recently for possession (of six ounces) with intent to distribute. A Federal

judge in 1977 declared the original 40-year sentence cruel and unusual, but his decision was overruled by the US Supreme Court. Then-Virginia Gov. Charles Robb paroled Davis in 1984 after reducing his sentence to 20 years. In the recent bust, Davis' cousin, Richard Wilson, testified that the six ounces of pot was his, but apparently the jury didn't believe him.

"TEACHER OF THE YEAR" BUSTED

Vicki Sherling, the 1988-89 Teacher of the Year in Colquitt County, Georgia, was fired for "immorality" by school board officials after her July arrest for growing 22 pot plants—even though her husband, Michael, admitted the plants were his, that his wife was unaware of the crop and that she never smoked anything.

CELEBRITY BUSTS

Former San Antonio Spurs superstar hoopster George "The Iceman" Gervin was arrested in August for drunk driving and possession of marijuana. Across the Atlantic, Adam Clayton, bass player for U2 (who enjoy a "super-clean" image), was arrested near his Dublin, Ireland home for possession of marijuana and intending to supply it to another person.

DRUGS IN THE PLAYGROUND

In August, police in Lebanon, Pennsylvania discovered a playground stand where children were selling make-believe drugs. The kids (seven and nine years old) offered bags of grass clippings and sugar, and kept track of their transactions on a ledger. A sign read: "Cocaine, small half-baggie, 55 cents, small baggie, \$1." Captain Bernie Reilly sadly noted, "We just lost the war on drugs. I don't care what Bush says, this is bad."



POT IS TOP CROP

Bringing in an estimated \$3 billion annually, marijuana far surpasses California's second biggest cash crop, milk and cream, by nearly \$1 billion.

TESTING TRICKS

Endocrinologist Dr. Joel Ehrenkrantz, told *Newsweek* in July that "drug testing procedures established by the federal government are so easy to beat that they are essentially worthless." The magazine reported that up to 40 percent of urine samples in employee drug-testing programs are fakes. One trick used is to substitute Diet Mountain Dew for urine: it has the same pH and density as urine. Another trick: place an old sample under your armpit for an hour to raise the liquid's temperature. Submit that one instead. "The guidelines for checking the temperatures of samples are woefully imprecise," *Newsweek* said.



SOVIET DECRIM

Since 1987, when the republic of Turkmenia, the Soviet Union's leading drug-producing area, decriminalized possession of small amounts of drugs for first time offenders, drug-related crimes—including possession, theft and murder, but not growing and selling—have decreased from 1,282 (in 1986) to 357 in 1988.

IT CAN'T HAPPEN HERE?

Despite repeated arrests and public hangings of drug dealers in Iran, the drug problem has gotten so bad there that Islamic revolutionary committees have taken over the drug-fighting effort from the police. In July, 55,000 drug addicts were identified, rounded up and sent to labor camps; some 150,000

drug addicts who registered with the government will be targeted next. Opposition to the Iranian government claims several hundred among the 700 to 800 people already executed as suspected drug criminals were political prisoners (including 50 senior army officers arrested for conspiring to overthrow the government).



TRANS-HIGH MARKET QUOTATIONS

Oakland, CA

LSD: liquid "excellent 10-12 hour high" beautiful colors, gets stronger with age." \$60 a via.

LSD: Woodstock "now I know why Snoopy hung around with this little birdy: best blotter in seven years, transformation can be a little intense but after the roller coaster, hang in for the ride: four hits and I was stoned for four days! \$2 a hit. \$50-80 a sheet.

LSD: blue unicorn "yes they're back, stay away from the blue horses, they're bunk, look for the bright blue guys and they will treat you very fairly: only did one after tripping severely for two days and had as much of a trip as I did on day one." \$2 a hit. \$60 a sheet.

LSD: flying eyeballs "eat three and watch the floor come up to you and discuss the theory of relativity." \$60 a sheet.

LSD: camouflage "mind altering, took two of them three hours to hit me, then I was floored." \$3 a hit. \$75 a sheet.

LSD: smiling faces "worst of the bunch, need five to even feel a buzz." \$50 a sheet.

Shrooms "oh no, I ate too much, these puppies made me realize I was mortal, got so tweaked I didn't want to move for about five hours." \$85.

Mexican weed "actually has green buds, but you need about five joints to get stoned." \$30 1/4-oz. \$100 oz. \$280-300 1/4-lb.

Afghani "picked too early buds are light green and black, not worth the cost or the manicuring." \$65 1/4-oz. \$250 oz. \$800 1/4-lb.

Skunk #1 "tastes oh-so-good, and the buzz is better." \$60 1/4-oz. \$120 oz.

Green "has a few seeds, buds are compact but stoney. I don't know its origin, and after a joint I don't care." \$160 1/4-oz.

Santa Ana, CA
Pyraponic Hawaiian indica x NL #1 "A+ absolutely seedless, dense buds, outrageous smell taste, and high; this smoker has not seen better, going fast." \$70 1/4-oz. \$280 oz.

Pyraponic G-13 x NL #2 "pungent is the word here: the taste alone gets you high; excellent cannabinoid profile, one hit makes you happy for a long time, clean, fresh, and seedless, pricey, but worth it." \$70 1/4-oz. \$280 oz.

Pyraponic SK #1 x NL #5 "so sweet we call it

dessert weed, has a full-brain skunk high with a kickass indica chaser the kind "excellent" in every way; only for those who care in the quantity: pay the price and smile." \$70 1/4-oz. \$280 oz.

Shitty Mexican saliva "grown with no love, terrible taste and smell, rousy high: always around, but scarce near harvest time: save your lungs." \$40 1/4-oz. \$110-160 oz.

Santa Barbara, CA
Mexican "seedy" \$30 1/4-oz.

Indoor Afghan "from Arizona: new batch every two weeks, fishy smell sometimes, usually gone in two days when it gets here." \$70 oz.

Palm Beach, FL
Jamaican sinse "good buzz, but kinda short." \$30 1/4-oz.

Dinweed "gotta smoke a joint and a half to get off!" \$25 1/4-oz.

Skunk "local grown, great smell, mellow hits, no harm to the lungs." \$200 1/4-oz.

Green sinse "leafy always here, \$25-30 1/4-oz."

Brown buds "resin filled you get it out west, wow an interstellar high; totally psychoactive." \$45 1/4-oz. Homegrown "yellow hairs, no seeds, three-toke high: great buy." \$40 1/4-oz.

Seedy red pot "please stop selling this!" \$20 1/4-oz.

LSD: big pigs "pink pigs, good for first timers." \$5 a hit.

LSD: blotter "clown's tear \$350 for 100 hits." LSD: white on purple stars, blue skies "very mind expanding trip for hours." \$5 a hit.

LSD: eye of the tiger "never on Halloween." \$4 a hit.

LSD: blotter "father of LSD: rare trip, very hallucinatory." \$200 for 80 hits.

Atlanta, GA
Sourgrass "grew locally grown: just looking at this stuff gets you high, limited quantity." \$45 1/4-oz.

Marijuana, GA
Mear grass "green buds, intense high." \$40 1/4-oz.

OH bud "rock hard: the best shit going around: you're coma-toasted after half the joint is gone." \$50 1/4-oz.

LSD: tie dye blotter "a kaleidoscope of musical colors." \$7 a hit.

LSD: Batman blotter "the bat craze has hit the blotter: a trip and a half \$5 a hit. \$250 a sheet.

Send quotations to: THMQ, 211 E. 43rd Street, New York, NY 10017. THMQ is intended solely for informational purposes. All entries should be typed or neatly handwritten. If you are unable to compose a legible entry after testing your samples, please wait until you regain control of your penmanship before sending us your information. Marijuana is listed by 1/4-ounce, ounce, 1/4-pound, and pound prices only. Don't bother sending prices for hard drugs. Prices in this issue are current as of August 15, 1989. Please note: THMQ is NOT a mail-order service. Don't bother trying to order items which appear in THMQ from the HIGH TIMES offices.

Quincy, IL

potent, tastes only fair though." \$35 1/4-oz. \$125 oz.

Skunk bud "scarce, worth the money." \$45-50 1/4-oz. \$160-180 oz.

Provincetown, MA

Commercial buds "seedy lots of stems." \$50 1/4-oz. Skunk #1 "big green buds good high, but is it worth the cash?" \$70 1/4-oz.

LSD "rare, you'll fry or get burnt." \$7-10 a hit.

"Shrooms" for those in the know: killer trip: a hallucinogenic orgasm! \$50 1/4-oz.

Chicago, IL

Colombian "lots of stems and seeds, short quarters." \$45-60 1/4-oz.

Sinse "high grade." \$75-125 oz.

Louisville, KY
Skunk #1 "we're still calling this buzz the 'to-fu', we sold the buds right off the plants." \$50 oz.

W. Ham's Wonder "fourth generation, smells just like a hen house when flowering: we still call it 'sil'y Willie'." \$50 1/4-oz.

Afghani "sixth generation; this has to be the best of the three, due to demand we still call it the 'wonder'." I'm not

Shedden, VA
Dark "good high, great taste." \$40 1/4-oz.

Brown shitweed \$30 1/4-oz.

Skunk buds "harsh: raw throat, stinky." \$50 1/4-oz.

Indica "asskicking." \$130 oz.

LSD: green blotter, blue blotter "great high." \$5 a hit. \$150 1/4-oz.

Boston, MA

Red haired sinse buds "the

already \$450 oz.

St. John's Wood "solid buds, great aroma bumper crop." \$425 oz.

Calvary stones "Thai seeds from Bangkok: short, stumpy heavy buds." \$500 oz.

Gladstone, OR
Oregon green "very stoney skunk." \$50 70 1/4-oz. \$650-775 lb.

Black hash "primo, gold seal." \$10 gm.

LSD: Club Dead "intense from Eugene, OR, 150 mcs." \$150-3 a hit.

\$100-125 a sheet.

Opium "shitty." \$25 gm.

LSD: Club Dead made this 60s head respect life again, the antidote for civilization." \$10 for three hits, \$140 for 100 hits.

LSD: Psycho Snowflakes "six hours of 3D cartoon land." \$250-3 a hit: \$130 a sheet.

Portland, OR
Basement bud "big buzz and big bite, bitchin' price." \$700 1/4-oz.

Underworld weed "killer crystalline tips; lack of favorite bud." \$55 1/4-oz.

California weed "brown and dry, just like the shit it grows in." \$25 1/4-oz.

Portland, OR
Oregon green "the very best in Oregon." \$50-65 1/4-oz. \$650-750 oz.

Jamaican X Haze "moon trippin'." \$275 oz.

LSD: blue dot "with vitamin C, just like the old days, 250 mcs." \$3-4 a hit. \$150-180 for 100.

Greenhouse peyote "plentiful." \$10 for three buttons. \$20 for one-year-old plants.

Portland, OR
Oregon green "the very best in Oregon." \$50-65 1/4-oz. \$650-750 oz.

Jamaican X Haze "moon trippin'." \$275 oz.

LSD: blue dot "with vitamin C, just like the old days, 250 mcs." \$3-4 a hit. \$150-180 for 100.

Greenhouse peyote "plentiful." \$10 for three buttons. \$20 for one-year-old plants.

Hartsville, SC
Indica "great buzz for friends only." \$25 1/4-oz. \$100 oz. \$350 1/4-oz.

Homegrown Big Bud "few seeds, overpriced." \$40 1/4-oz. \$130 oz. \$450 1/4-lb.

Summer, SC
Kentucky sinse "kickass big buds, orange hairs." \$120 oz. \$385 1/4-lb.

Brown/green loca "grown in yardweed 'weak' poor bags, mediocre buzz, better luck next year." \$100 oz. \$350 1/4-oz.

Skunk bud "decent: good buzz, plenty around, but bags are skimpy, lots of seeds and stems." \$40 1/4-oz. \$110 oz.

Brown dirtweed "from NC; slow but lasting buzz same stuff as last year." \$40 1/4-oz. \$100 oz.

Nashville, TN
Green "average quantity, plentiful." \$40 1/4-oz. \$325 1/4-lb.

Jamaican "packed hard as a rock, but still in good, but stay away from the brown." \$40 1/4-oz. \$140 oz.

Hawaiian "sticky and

skunky." \$45-60 1/4-oz.

Indoor dwarf indica "the best, tons of little buds covered in resin, clean high, very tasty." \$50-60 1/4-oz. \$200 oz. \$750 1/4-lb. \$2800 lb.

Shrooms "clean and powerful: great visuals." \$45 1/4-oz.

Indica buds "tightly packed; appear giggly shit." \$50 oz. \$600 lb.

Colombian brickweed "seedy, nice if you wanna be tired." \$30 oz. \$75 lb.

Shrooms "outlandish visuals, gona know the right people." \$10 gm. \$200 1/4-lb.

Chesapeake, VA
Indica "good high and smells like dog shit, but wotta buzz, definitely worth the money." \$25 1/4-oz. \$80 oz.

Yellow bud "very hairy" tastes like Pine Sol, will knock you on your ass. \$15-40 1/4-oz. \$115-120 oz.

Hacked hash "looks are deceiving, ain't worth a shit." \$5-7 gm.

Cocaine "the best blow ever makes you feel like you're in Nascar!" \$100 gm.

LSD: dancing bears "makes you eyes hang out, but the visuals are hard to find." \$40 1/4-oz.

Louisville, KY
Georgia bud "very sweet lots of seeds, great long buzz." \$40 1/4-oz. \$130 oz. \$450 1/4-lb.

Skunk #1 "no explanation on needed." \$60 1/4-oz.

LSD: unicorns, goorie birds, lucky charms, "iquid plenty around, one guy has it all." \$250-5 a hit. \$175 a sheet.

Shrooms "off of cowshit, the worst you could imagine." \$30 1/4-oz.

Electric wheel chair weed "plan to be sitting around for a while." \$40 1/4-oz. \$130 oz.

Shrooms "awesome at work, very few." \$50 1/4-oz.

LSD: blue unicorns "lasten your seatbelts \$10 for three hits." \$100 1/4-oz.

LSD: liquid "a little drop'll do ya." \$8 for 4 trips.

Indica "good to primo." \$80 1/4-oz. \$210 lb.

Hash "good when available." \$45 1/4-oz.

DON'T GUN UM STUN UM



AS ADVERTISED ON
NATIONAL TV

Send to:
Intercoastal Marketing, Inc.
958 NE 79th St Suite 201
Dept A1
Miami, FL 33138
or
Charge by phone
1-800-826-5361
Mon. - Fri.
9-5 EST

MIGHTY MIKE

ELECTRONIC PERSONAL PROTECTOR

Protect your property and yourself from unwanted intruders, thieves, and muggers. Your very own personal bodyguard consists of 65,000 volts of paralyzing power which will instantly scramble any assailant's nervous system causing immediate but temporary paralysis... By simply touching your attacker anywhere, even through many layers of clothing, they will immediately drop to the ground totally helpless.

Mighty Mike is non-lethal and 100% safe for use and cannot transmit shock back to user

PLEASE RUSH MY MIGHTY MIKE ELECTRONIC PERSONAL PROTECTOR

I have enclosed check _____ money order _____ for \$39.95 + \$3.00 shipping and handling

Name _____

Address _____

City/State _____

Phone _____

Please bill by MC/V SA, AMX

Credit Card # _____ Exp. Date _____

Signature _____

GREAT X-MAS IDEA!

You'll love him!!

FULL COLOR

100% COTTON T-SHIRT



TO ORDER:

Specify size S, M, L, XL

\$12.50 + \$2.50 Shipping

Ma. Check or Money Order To

"BAKED POTATO"

PO Box 1107 • Lewiston, Idaho 83501

Please allow a couple weeks for delivery!!

YES TO WHOLESALE!

URBAN TEK GROWERS SUPPLY

**Best Price!!
Guaranteed!!**

INDOOR GARDENING SPECIALIST

EST. 1987

**Best Warranty!!
1 year bulb,
5 year ballast!!**

Urban Tek carries a full line of lighting systems manufactured by Hydrofarm™

HYDROPONIC SYSTEMS

Ebb & Flow Tables by Suncircle, Gromaster
Aquafarms by General Hydroponics
Quantum Systems by Hydrofarm

EBB & FLOW TRAY for Quantum owners
measures 42"L x 26"W x 6"D
holds 56 - 4" rockwool cubes

NUTRIENTS

HYDROFARM, PETERS PLANT FOODS
SIMEONS ORGANIC PLANT FOODS
GENERAL HYDROPONICS, ECO NUTRIENTS

WE WILL BEAT ANY PRICE!!

ACCESSORIES

LIGHT MOVERS BY SUNCIRCLE SOLAR SHUTTLE BY AQUA CULTURE
PLANTASTIC PLANT PRODUCTS — DRIP IRRIGATION BY RAIN DRIP
JON ZERS BY ZESTRON AND HYDROFARM — OASIS ROOTCUBES
ROCKWOOL BY GRODAN — OSCILLATING FANS BY DAYTON
CO₂ SYSTEMS BY GREEN AIR PRODUCTS AND HYDROFARM
CLONING SOLUTIONS FROM OLIVIAS, WOODS, HOMEX, ROOTONE
AND MUCH MORE

GENERAL HYDROPONICS LIQUID NUTRIENT

THIS IS A THREE PART FORMULA
FLORAGROW — FLORABLOOM FLORAMICRO
EASY TO USE AND IT'S PH BALANCED
AVAILABLE IN QTS. AND GALS.
FREE SAMPLE TO ALL \$300.00 ORDERS

**ALL
NEW!!
PRODUCT**

MEMBER HYDROPONIC
SOCIETY OF AMERICA

**VISA, MASTERCARD
C.O.D.'S WELCOME**

**URBAN TEK OFFERS THE FINEST IN
HYDROPONICS — LIGHTING — NUTRIENTS
AND ACCESSORIES AVAILABLE**

FREE SHIPPING ON ORDERS OF \$300.00 OR MORE

ALL ORDERS SHIPPED WITHIN 24 HOURS.

ORDERS CALL: 1-800-356-3771

FOR PRICE LIST OR INFORMATION CALL: 1-405-843-1888
2911 W. WILSHIRE, OKLAHOMA CITY, OKLAHOMA 73116

**RETAIL STORE HOURS:
MON—FRI. 9AM-6PM
SAT. 9AM-3PM**

THE MOHAWK

continued from page 25

gambling, but religious and community groups boycotted the vote. Swamp and many others would sanction the casinos if more of the profits would be distributed throughout the community.

"I offered the Tribal Council \$50,000 a month," Anthony Laughing explained. "They turned me down and called in the US government to make the rules." The Mohawk Bingo Palace already operates under such a deal. Bureau of Indian Affairs regulations would have him turning over 60 percent of his profits, a vastly greater sum.

What Laughing essentially was saying was this: *don't kill the native American smuggling trade*. Casino owners are willing to make deals to keep the Feds out of Akwesasne because, if they come in, it means paying Federal taxes on gambling profits. Indians don't pay taxes on their Rez income, and aren't required to collect state taxes on cigarettes, alcohol or gasoline. No one wants to create a precedent by taxing the gambling monies.

Backwoods Rez roads reportedly cross the US-Quebec border out of sight from any Customs house, and access to the St. Lawrence makes it a perfect drop/pickup point for not only cheap tobacco, booze and petrol, but also guns, explosives and people on the lam. Deliveries can come into Akwesasne on the US side, float across the river and drive right on out the Canadian side without passing checkpoints. A warrior told me in confidence that it was "guaranteed that stuff more illegal than tobacco went across here." Kingston *Whig Standard* reporters claim that the cigarette trade nets millions of dollars per week when it's running high. Canadian Customs Chief Art Lewis says that "Akwesasne isn't one of our drug hot spots," but concedes that "if it were, we wouldn't know about it. We don't have any jurisdiction inside there."

Twelve days after Akwesasne was sealed off to everyone but residents and press, the three Tribal Chiefs met with representatives from NY Gov. Mario Cuomo's office to get police checkpoints removed. It worked. At noon the next day, a reporter took me aside and told me in confidence that he knew there was a truck on the Rez already loaded with 300 cases of cheap cigarettes, pointed toward the river.

I still haven't figured out what the hell the warrior was shootin' at in the woods. He said he saw eyes in the darkness and he put a 7.62 round right between 'em. Whatever -or whoever -it was, he would have killed it. ●

Dean Kuipers is a guest columnist. Ed Rosenthal will return next month.



front



back

Just say YES!

Show the anti-drug campaign
the disrespect it deserves

\$11.00 includes S&H!

Sizes: L, XL, XXL
3-4 week delivery

Send check or money order to:

CREATIVE CONCEPTS, P.O. BOX 495, GREENSBURG, PA 15601

WHOLESALE LIGHT SUPPLIES

1-800-333-LITE "Don't Pay Retail"

BASIC KITS (NO REFLECTOR OR ENCLOSURE)

1000 HALIDE (MS 1000)	\$150.00
400 HALIDE (MS 400)	\$105.00
.000 HIGH PRESSURE SODIUM (LU 1000)	\$195.00
400 HIGH PRESSURE SODIUM (LU 400)	\$165.00

EXPANDED KITS (48" REFLECTOR AND STEEL ENCLOSURE)

.000 HALIDE (MS 1000)	\$175.00
400 HALIDE (MS 400)	\$130.00
1000 HIGH PRESSURE SODIUM (LU 1000)	\$225.00
400 HIGH PRESSURE SODIUM (LU 400)	\$190.00

C.O.D.'s SHIPPED

DEALER INQUIRIES WELCOME

VISA AND MASTER CHARGE

CALL COLLECT FOR LIGHTS

CARBON DIOXIDE SYSTEMS COMPLETE

AIR PURIFIERS ELIMINATES SKUNK ODOR (150 cfm) \$150.00

\$109.00

BOX 3361, SPOKANE, WA 99220-3361

Free Catalogue



BRAZOS GARDEN CENTER

AUTHORIZED RETAILER of:



HYDROFARM

— Indoor Gardening Products —

the FULL LINE of LIGHTS,
HYDROPONIC SYSTEMS, PH METERS,
BAT GUANO, BUDSWELL, ROCKWOOL,
BONE MEAL, EARTHWORM CASTINGS,
"SAFER PRODUCTS", EBB & FLOW TABLES,
and MUCH MORE...

• 5815 BELLAIRE Blvd.
HOUSTON, TEXAS 77081 •

• tel.: (713) 661-9473 •

BLUEGRASS HIGH-TECH GARDEN SUPPLY

Kentucky's ONLY High-Tech Garden Center

an authorized Hydrofarm™ dealer

Call for a FREE catalogue:

(502) 543-5933

Visit our showroom:

4422 EAST HIGHWAY 44
SHEPHERDSVILLE, KY 40165



Indoor Grow Lights
Hydroponic Systems
Light Movers
Atmospheric Controls
Rockwool and More!

QUALITY PRODUCTS. QUALIFIED SERVICE. PERIOD.

The best ebb & flow system this side of Amsterdam.



The new Professional Ebb & Flow System from Worm's Way represents the state-of-the-art in hydroponic clone production. The system features the highest quality Dutch, Danish, and American components assembled to our custom specifications for the professional gardener. The complete system is designed to fit in a 4 foot by 8 foot area and utilizes a roller bench design which allows full access to the table from either side. Our Professional System comes complete with all equipment necessary to meet the demanding requirements of rockwool horticulture. Our ebb & flow tables were also designed for maximum flexibility—you may grow from 1 to 100+ clones on the table without having to alter the system. These systems are available for purchase at any Worm's Way store.

We also offer hydroponic systems and a complete line of accessories which will meet the needs of gardeners wishing to grow plants from seed. Our selection of specialty organic fertilizers ensures that we will have the products and advice you need for any gardening technique. For years our reputation for quality, honesty and service has set us apart. Stop by or call the store nearest you for a copy of our new catalog. Come Grow With Us!

Worm's Way

Call or write for a free copy of our ALL NEW catalog:

1-800-274-9676

*For questions or advice, please call the store nearest you.
All Worm's Way stores offer full-service retail and mail order.*

4620 South State Road 446
Bloomington, IN 47401
(812) 837-9901

5311 56th Commerce Park
Tampa, FL 33610
(813) 621-1792

1200 Millbury Street, Bldg. 8-G
Worcester, MA 01607
(508) 797-1156

12156 Lackland Road
St. Louis, MO 63146
(314) 878-2773

NOW OPEN IN ST. LOUIS!

Dreddy Duck sez:



Take a trip
from our past
Monthly Double
and you'll see
HIGH TIMES is
the only magazine
you need to
keep on hand
for the best news



**CALL TOLL FREE
FOR ORDERS ONLY**

800-435-0715



In Ill. 800-892-0753



- ☐ Payment enclosed
☐ MasterCard ☐ Visa

Card # _____

Expiration date _____

Signature _____

UNITED STATES

- ☐ 1 YEAR \$29.95
☐ 2 YEARS \$54.95

CANADA & FOREIGN

- ☐ 1 YEAR \$37.45
☐ 2 YEARS \$68.95

HIGH TIMES

SUBSCRIPTIONS
P.O. BOX 410
MT. MORRIS, IL 61054

Name _____

Address _____

City _____ State _____ Zip _____

PLEASE PAY IN U.S. FUNDS—ALLOW 6-8 WEEKS FOR DELIVERY.

A HASHISH-HOUSE IN NEW YORK--1883

THE CURIOUS ADVENTURES OF AN INDIVIDUAL
WHO INDULGED IN A FEW PIPEFULS
OF THE NARCOTIC HEMP

"And so you think that opium smoking as seen in the foul cellars of Mott Street and elsewhere is the only form of narcotic indulgence of any consequence in this city, and that hashish, if used at all, is only smoked occasionally and experimentally by a few scattered individuals?"

"That certainly is my opinion, and I consider myself fairly well informed."

"Well, you are far from right, as I can prove to you if you care to inform yourself more fully on the subject. There is a large community of hashish smokers in this city, who are daily forced to indulge their morbid appetites, and I can take you to a house uptown where hemp is used in every conceivable form, and where the lights, sounds, odors, and surroundings are all arranged so as to intensify and enhance the effects of this wonderful narcotic."

"I must confess that I am still incredulous."

"Well, if it is agreeable to you, meet me at the Hoffman House reading room tomorrow at ten o'clock, and I think I shall be able to convince you."

The above is the substance of a conversation that took place in the lobby of a downtown hotel between the writer of these lines and a young man about 38 years of age known to me for some years past as an opium smoker. It was through his kindness that I had first gained access to and had been able to study up the subject of opium smoking. Hence I really anticipated seeing some interesting phases of hemp indulgence--and was not disappointed.

The following evening at precisely ten o'clock I met the young man at the Hoffman House, and together we took a Broadway car uptown, left it at 42nd Street, and walked rapidly toward the North River talking as we went.

"You will probably be greatly surprised at many things you will see tonight," he said, "just as I was when I was first introduced into the place by a friend. I have traveled over most of Europe and have smoked opium in every joint in America, but never saw anything so curious as this, nor experienced any intoxication so fascinating yet so terrible as that of hashish."

"Are the habitués of this place of the same class as those who frequent the opium-smoking dives?"

"By no means. They are about evenly divided between Americans and foreigners; indeed the place is kept by a Greek who has invested a great deal of money in it. All the visitors, both male and female, are of the better classes, and absolute secrecy is the rule. The house has been opened about two years, I believe, and the number of regular habitués is daily on the increase."

"Are you one of the number?"

"I am, and find the intoxication far pleasanter and less hurtful than that from opium. Ah! here we are."

We paused before a gloomy looking house, entered the gate, and passed up the steps. The windows were absolutely dark, and the entranceway looked dirty and desolate. Four pulls at the bell, a pause, and one more pull were followed by a few moments' silence broken suddenly by the sound of falling chain, rasping bolt, and the grinding of a key in the lock. The outer door was carefully closed by someone whom I could not distinguish in the utter darkness. A moment later the inner door was opened, and never shall I forget the impression produced by the sudden change from total darkness to the strange scene that met my eyes. The dark vestibule was the boundary line separating the cold, dreary streets and the ordinary world from a scene of Oriental magnificence.

A volume of heavily scented air, close upon the heels of a deadly sickening odor, wholly unlike anything I had ever smelled, greeted my nostrils. A hall lamp of grotesque shape flooded the hall with a subdued violet light that filtered through crenated disks of some violet fabric hung below it. The walls and ceilings, if ever modern, were no longer so, for they were shut in and hung by festoons and plaits of heavy cloth fresh from Eastern looms. Tassels of blue, green, yellow, red, and tinsel here and there peeped forth matching the curious edging of variously colored beadwork that bordered

each fold of drapery like a huge procession of luminous ants, and seemed to flow into little phosphorescent pools wherever the cloth was caught up. Queer figures and strange lettering in the same work were here and there disclosed upon the ceiling cloth.

Along one side of the hall, between two doors, were ranged huge tubs and pots of majolica-like ware and blue-necked Japanese vases in which were plants, shrubs, and flowers of the most exquisite color and odor. Green vines clambered up the walls and across

the ceiling, and catching their tendrils in the balustrades of the stairs (which were also of curious design), threw down long sprays and heavy festoons of verdure.

As my companion, who had paused a moment to give me time to look about me, walked toward the far end of the hall, I followed him, and we passed into a small room on the right where, with the assistance of a colored servant, we exchanged our coats, hats, and shoes, for others more in keeping with our surroundings. First a long plush gown quilted with silk down the front and irregularly ornamented in bead and braid with designs of serpents, flowers, crescents, and stars was slipped on over the head. Next a tasselled smoking cap was donned and the feet incased in noiseless list slippers. In any other place or under any other circumstances I should have felt ridiculous in this costume, but so in keeping was it with all I had seen, and so thoroughly had I seemed to have left my every-day self in the dark vestibule, that I felt perfectly at home in my strange dress. We next crossed the hall to a smaller room where a young man, apparently a Frenchman, furnished us--on the payment of two



FRANK MAX

dollars each—with two small pipes and a small covered bronze cup, or urn, filled with a dry green shrub which I subsequently learned was *gunjeh* (the dried tops and leaves of the hemp plant) for smoking. My friend, on the payment of a further sum, obtained a curious little box which contained some small black lozenges—consisting of the resin of hemp, henbane, crushed datura seeds, butter, and honey, and known in India as *Majoon*—amongst the Moors as *El Mogen*.

Passing from this room we ascended the richly carpeted stairs

enarboresced by vines and paused upon a landing from which three doors opened. Upon one a pink card bore Dryden's line:

"Take the good the gods provide thee"

The knob turned by my friend's hand allowed the door to swing open and, welcomed by

a spice breeze from India, we were truly in paradise.

"This," he said in a whisper, "is the public room where anyone having pipe or lozenge and properly attired may enter and indulge at smoke or dream as best suits him."

Wonder, amazement, admiration, but faintly portray my mental condition. Prepared by what I had already seen and experienced for something odd and Oriental, still the magnificence of what now met my gaze far surpassed anything I had ever dreamed of and brought to my mind the scenes of the *Arabian Nights* forgotten since boyhood. My every sense was irresistibly taken captive, and it was some moments before I could realize that I really was not the victim of some dream, for I seemed to have wholly severed my connection with the world of today and to have stepped back several centuries into the times of genii, fairies, and fountains—into the very heart of Persia or Arabia.

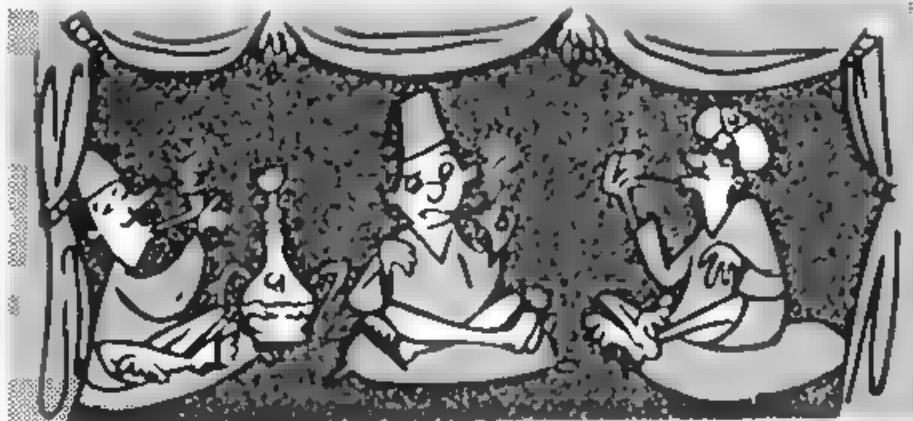
Not an inharmonious detail marred the symmetry of the whole. Beneath, my feet sank almost ankle deep into a velvety carpet—a sea of subdued colors. Looked at closely, I found that the design was that of a garden beds of luxurious flowers, stars and crescents, squares and diamond-shaped plots made up of thousands of rare exotics and richly colored leaves. Here a brook edged with damp verdure from beneath which peeped coy violets and tiny bluebells; there a serpentine gravelled walk that wound in and out amongst the exquisite plants, and everywhere a thousand shrubs in bloom or bud. Above, a magnificent chandelier consisting of six dragons of beaten gold from whose eyes and throats sprang flames—the light from which, striking against a series of curiously set prisms, fell shattered and scintillating into a thousand glancing beams that illuminated every corner of the room. The rows of prisms being of clear and variously colored glass, and the dragons slowly revolving—a weird and everchanging hue was given to every object in the room.

All about the sides of the spacious apartment upon the floor were mattresses covered with different colored cloth and edged with heavy golden fringe. Upon them were carelessly strewn rugs and mats of Persian and Turkish handicraft and soft pillows in heaps. Above the level of these divans there ran all about the room a series of huge mirrors framed with gilded serpents

intercoiled, effectually shutting off the windows. The effect was magnificent. There seemed to be twenty rooms instead of one, and everywhere could be seen the flame-tongued and fiery-eyed dragons slowly revolving, giving to all the appearance of a magnificent kaleidoscope in which the harmonious colors were ever blending and constantly presenting new combinations.

Just as I had got thus far in my observations I caught sight of my friend standing at the foot of one of the divans and beckoning to me. At the same moment I also

observed that several of the occupants of other divans were eyeing me suspiciously. I crossed to where he was, esteeming it a desecration to walk on such a carpet, and despite my knowledge to the contrary, fearing every moment to crush some



beautiful rose or lily beneath my feet. Following my friend's example, I slipped off my list foot-gear, and half reclined beside him on the divan and pillows that seemed to reach up and embrace us. Pulling a tasselled cord that hung above our heads, my friend spoke a few words to a gaudily turbaned colored servant who came noiselessly into the room in answer to his summons, disappeared again, and in a moment returned bearing a tray which he placed between us. Upon it was a small lamp of silver filigree work, two globelike bowls, also of silver, from which protruded a long silver tube and a spoonlike instrument. The latter, I soon learned, was used to clean and fill the pipes. Placing the bronze jar of hashish on the tray, my friend bade me lay my pipe beside it and suck up the fluid in the silver cup through the long tube. I did so and found it delicious.

"That," said he, "is tea made from the genuine coca leaf. The cup is the real *mate* and the tube a real *bombilla* from Peru. Now let us smoke. The dried shrub here is known as *gunjeh*, and is the dried tops of the hemp plant. Take a little tobacco from that jar and mix with it, else it will be found difficult to keep it alight. These lozenges here are made from the finest Nepaul resin of the hemp, mixed with butter, sugar, honey, flour, pounded datura seeds, some opium, and a little henbane, or hyoscyamus. I prefer taking these to smoking, but, to keep you company, I will also smoke tonight. Have no fear. Smoke four or five pipefuls of the *gunjeh* and enjoy the effect. I will see that no harm befalls you."

Swallowing two of the lozenges, my guide filled our pipes, and we proceeded to smoke and watch the others. These pipes, the stems of which were about eighteen inches in length, were encrusted with designs in varicolored beads, strung on gold wire over a ground of some light spirally twisted tinsel marked off into diamond shaped spaces by thin red lines. From the stem two green and yellow silken tassels depended. A small bell-shaped piece of clouded amber formed the mouthpiece, while at the other end was a small bowl of red clay scarcely larger than a thumb. As I smoked I noticed that about two-thirds of the divans were occupied by persons of both sexes, some of them masked, who were dressed in the same manner as ourselves. Some were smoking, some reclining listlessly upon the pillows, following the tangled thread of a

hashish reverie or dream. A middle-aged woman sat bolt-upright gesticulating and laughing quietly to herself, another with lackluster eyes and dropped jaw was swaying her head from side to side. A young man of about 18 was on his knees praying inaudibly; and another man, masked, paced rapidly and noiselessly up and down the room, until led away somewhere by the turbaned servant.

As I smoked, the secret of that heavy, sickening odor was made clear to me. It was the smell of burning hashish. Strangely enough, it did not seem to be unpleasant any longer, for, although it rather rasped my throat at first, I drew large volumes of it into my lungs. Lost in lazy reverie and perfect comfort, I tried to discover whence came the soft undulating strains of music that had greeted me on entering and which still continued. They were just perceptible above the silvery notes of a crystal fountain in the centre of the room, the falling spray from which splashed and tinkled musically as it fell from serpents' mouths into a series of the very thinnest huge pink shells held aloft by timid hares. The music seemed to creep up through the heavy carpet, to ooze from the walls, to flurry, like snowflakes, from the ceiling, rising and falling in measured cadences unlike any music I had ever heard. It seemed to steal, now softly, now merrily, on tiptoe into the room to see whether we were awake or asleep, to brush away a tear if there was—or gambol arily and merrily—if such was our humor—and then as softly, sometimes sadly, to steal out again and lose itself in the distance. It was just such music as a boatful of fairies sailing about in the clear water of the fountain might have made, or that with which an angel mother would sing its angel babe to sleep. It seemed to enter every fiber of the body, and satisfy a music hunger that had never before been satisfied. I silently filled my second pipe and was about to lapse again into a reverie that had become delightfully full of perfect rest and comfort when my companion, leaning toward me, said,

"I see that you are fast approaching Hashishdom. Is there not a sense of perfect rest and strange, quiet happiness produced by it?"

"There certainly is. I feel supremely happy, at peace with myself and all the world, and all that I ask is to be let alone. But why is everything so magnificent here? Is it a whim of the proprietor, or an attempt to reproduce some such place in the East?" I asked.

"Possibly the latter; but there is another reason that you may understand better later. It is this: the color and peculiar phases of a hashish dream are materially affected by one's surroundings just prior to the sleep. The impressions that we have been receiving ever since we entered, the lights, odors, sounds, and colors, are the strands which the deft fingers of imagination will weave into the hemp reveries and dreams, which seem as real as those of everyday life, and always more grand. Hashish eaters and smokers in the East recognized this fact, and always prior to indulging in the drug surrounded themselves with the most pleasing sounds, faces, forms, etc."

"I see," I answered dreamily. "But what is there behind those curtains that I see moving now and again?" The heavy curtains just opposite where we lay seemed to shut in an alcove.

"There are several small rooms there," said my companion, "shut off from this room by the curtains you see move. Each is magnificently fitted up I am told. They are reserved for persons, chiefly ladies, who wish to avoid every possibility of detection and at the same time enjoy their hashish and watch the inmates of this room."

"Are there many ladies of good social standing who

come here?"

"Very many. Not the cream of the *demimonde*, understand me, but *ladies*. Why there must be at least six hundred in this city alone who are *habitués*. Smokers from different cities—Boston, Philadelphia, Chicago, and especially New Orleans—tell me that each city has its hemp retreat, but none so elegant as this."

And my companion swallowed another lozenge and relapsed into dreamy silence. I too lay back listlessly, and was soon lost in reverie, intense and pleasant. Gradually the room and its inmates faded from view, the revolving dragons went swifter and more swiftly, until the flaming tongues and eyes were merged into a huge ball of flame, that, suddenly detaching itself with a sharp sound from its pivot, went whirling and streaming off into the air until lost to sight in the skies. Then a sudden silence, during which I heard the huge waves of an angry sea breaking with fierce monotony in my head. Then I heard the fountain—the musical tinkle of the spray as it struck upon the glass grew louder and louder, and the notes longer and longer, until they merged into one clear musical bugle note that woke the echoes of a spring morning and broke sharp and clear over hill and valley, meadowland and marsh, hilltop and forest. A gayly caparisoned horseman, bugle in hand, suddenly appeared above a hillcrest. Closely following, a straggling group of horsemen riding madly. Before them a pack of hounds came dashing down the hillside baying deeply. Before them I, the fox, was running with the speed of desperation, straining every nerve to distance or elude them. Thus for miles and miles I ran on until at last, almost dead with fright and fatigue, I fell panting in the forest. A moment more and the cruel hounds would have had me, when suddenly a little fieldmouse appeared, caught me by the paw, and dragged me through the narrow entrance to her nest. My body lengthened and narrowed until I found myself a serpent, and in me rose the desire to devour my little preserver, when, as I was about to strike her with my fangs, she changed into a beautiful little fairy, tapped my ugly black flat head with her wand, and as my fangs fell to earth I resumed my human shape. With the parting words, "Never seek to injure those who endeavor to serve you," she disappeared.

Looking about I found myself in a huge cave, dark and noisome. Serpents hissed and glared at me from every side, and huge lizards and ugly shapes scrambled over the wet floor. In the far corner of the cave I saw piles of precious stones of wondrous value that glanced and sparkled in the dim light. Despite the horrid shapes about me, I resolved to secure some, at least, of these precious gems. I began to walk toward them but found that I could get no nearer—just as fast as I advanced, so fast did they seem to recede. At last, after what seemed a year's weary journey, I suddenly found myself beside them and, falling on my knees, began to fill my pockets, bosom, even my hat. Then I tried to rise, but could not; the jewels weighed me down. Mortified and disappointed, I replaced them all but three, weeping bitterly. As I rose to my feet it suddenly occurred to me that this was in no way real—only a hashish dream. And, laughing, I said, "You fool, this is all nonsense. These are not real jewels; they only exist in your imagination." My real self arguing thus with my hashish self, which I could see, tired, ragged, and weeping, set me to laughing still harder, and then we laughed together—my two selves. Suddenly my real self faded away, and a cloud of sadness and misery settled upon me, and I wept again, throwing myself hysterically upon the damp floor of the cave.

Just then I heard a voice addressing me by name, and



FRANK MAX

looking up, I saw an old man with an enormous nose bending over me. His nose seemed almost as large as his whole body. "Why do you weep, my son?" he said; are you sad because you can not have all these riches? Don't then, for some day you will learn that whoso hath more wealth than is needed to minister to his wants must suffer for it. Every farthing above a certain reasonable sum will surely bring some worry, care, anxiety, or trouble. Three diamonds are your share; be content with them. But dear me, here I am again neglecting my work! Here it is March, and I'm not half through yet!"

"Pray what is your work, venerable patriarch?" I asked; "and why has the Lord given you such a huge proboscis?"

"Ah! I see that you don't know me," he replied. "I am the chemist of the earth's bowels, and it is my duty to prepare all the sweet and delicate odors that the flowers have. I am busy all winter making them, and early in the spring my nymphs and apprentices deliver them to the Queen of the Flowers, who in turn gives them to her subjects. My nose is a little large because I have to do so much smelling. Come and see my laboratory."

His nose a little large! I laughed until I almost cried, while following him.

He opened a door, and entering, my nostrils met the oddest medley of odors I had ever smelled. Everywhere workmen with huge noses were busy mixing, filtering, distilling, and the like.

Here," said the old man, "is a batch of odor that has been spoiled. Mistakes are frequent, but I find use for even such as that. The Queen of Flowers gives it to disobedient plants or flowers. You mortals call it asafoetida. Come in here and see my organ." And he led the way into a large rocky room, at one end of which was a huge organ of curious construction. Mounting to the seat, he arranged the stops and began to play.

Not a sound could be heard, but a succession of odors swept past me, some slowly, some rapidly. I understood the grand idea in a moment. Here was music to which that of sound was coarse and earthly. Here was a harmony, a symphony, of odors! Clear and sharp, intense and less intense, sweet, less sweet, and again still sweeter, heavy and light, fast and slow, deep and narcotic, the odors, all in perfect harmony, rose and fell, and swept by me, to be succeeded by others.

Irresistibly I began to weep, and fast and thick fell the tears, until I found myself a little stream of water, that, rising in the rocky caverns of the mountain, dashed down its side into the plain below. Fiercely the hot sun beat upon my scanty waters, and like a thin gray mist I found myself rising slowly into the skies no longer a stream. With other clouds I was swept away by

the strong and rapid wind far across the Atlantic, over the burning sand wastes of Africa, dipping toward the Arabian Sea, and suddenly falling in huge raindrops into the very heart of India, blossoming with poppies. As the ground greedily sucked up the refreshing drops I again assumed my form.

Suddenly the earth was rent apart, and falling upon the edge of a deep cavern, I saw far below me a molten, hissing sea of fire above which a dense vapor hung. Issuing from this mist, a thousand anguished faces rose toward me on scorched and broken wings, shrieking and moaning as they came.

"Who in Heaven's name are these poor things?"

"These," said a voice at my side, "are the spirits, still incarnate of individuals who, during life, sought happiness in the various narcotics. Here, after death, far beneath, they live a life of torture most exquisite, for it is their fate, ever suffering for want of moisture, to be obliged to yield day by day their lifeblood to form the juice of poppy and resin of hemp in order that their dreams, joys, hopes, pleasures, pains, and anguish of past and present may again be tasted by mortals."

As he said this I turned to see who he was, but he had disappeared. Suddenly I heard a fierce clamor, felt the scrawny arms of these foul spirits wound about my neck, in my hair, on my limbs, pulling me over into the horrible chasm, into the heart of hell, crying shrilly, "Come! Thou art one of us. Come! come! come!" I struggled fiercely, shrieked out in my agony, and suddenly awoke, with the cold sweat thick upon me.

"Are you then, so fond of it that nothing can awaken you? Here have I been shaking and pulling you for the past five minutes. Come, rouse yourself; your dreams seem to be unpleasant."

Gradually my senses became clearer. The odors of the room, the melodies of early evening, the pipe that had fallen from my hand, the faces and forms of the hemp smokers, were once more recognized.

My companion wished me to stay, assuring me that I would see many queer sights before morning, but I declined, and after taking, by his advice, a cup of Paraguay tea (coca leaf), and then a cup of sour lemonade, I passed downstairs, exchanged my present for my former dress, returned my pipe, and left the house.

The dirty streets, the tinkling carhorse bell, the deafening, "Here you are! Twenty sweet oranges for a quarter!" and the drizzling rain were more grateful by far than the odors, sounds, and sights, sweet though they were, that I had just left. Truly it was the cradle of dreams rocking placidly in the very heart of a great city, translated from Baghdad to Gotham. ●

REPRINTED FROM HARPER'S MAGAZINE VOL. 67 1883

THE MAYOR RIDES A HARLEY

And the Counterculture wins a foothold in the Bible Belt.

by Steven Hager

Individualism has long been prized in the Ozark Mountains, where hillbilly rednecks, gun-toting survivalists and born-again Christians live side by side in somewhat peaceful coexistence. But this pioneer trait seems to be held in highest esteem in Eureka Springs, Arkansas, one of the strangest towns in America, a community whose self proclaimed motto is "Where the misfits fit."

In 1984, a bearded, longhaired hippie appeared in town. The stranger slept in his car, worked odd jobs and called himself 'Shoo-ie.' In a town filled with eccentric characters, Shooie was barely even noticed. Before long, however, this energetic hippie helped found an underground newspaper called *The Eureka Triangle* and joined the local community theater group.

Although Shooie had been traveling Kerouac style across America for more than a decade, he'd never felt at home anywhere. He was a drifter. But he loved the way the citizens of Eureka Springs seemed to tolerate eccentric behavior, and he loved the gingerbread Victorian homes of the town (they're so many of them that they comprise the largest historical district of the South). And he decided for the first time in his life he wanted to stay put.

There was one thing, however, Shooie did not like, and that was the proliferation of fast food emporiums and motel chains that were taking over the town, the result of a booming tourist trade. So, to help put an end to reckless development, Shooie decided to run for mayor. He cut his hair, put on some underwear for the first time in years, and told everyone his real name: Richard Schoeninger. Remarkably enough, he was elected.

"I never thought I was the type of person to be mayor of anything," admits Schoeninger, a lean, intense 41-year-old, whose long blonde locks appear freshly bleached. "I spent 20 years on the edge. A lot of that time my mind was pretty anesthetized. My friends and I had decided that if the town got really bad, we'd just leave. But after I inherited some money, I stopped drinking for three months and decided to make a stand. No one else volunteered to run for mayor, so I decided to run myself."

What he was running for was control over one of the most colorful towns in America, a

town built on a springs used by Indians as a sacred healing ground. Several tribes regularly visited the cave in the center of town, including the Creek, Choctaw, Osage, Shawnee and Sioux. According to legend, a basin the size of a small hot tub was carved into a rock just outside the cave by an Osage chief who discovered the medical benefits of bathing in the local spring water. Before long, scores of Indians came to sit in the basin for the relief of a wide variety of ailments. In 1855 a hunter named John Gaskins discovered the cave. During the Civil War, it was turned into a field hospital. The basin still exists today.

Probably the best legend of the town, however, concerns the two most famous outlaws who ever rode these hills. On a cold winter morning in the 1870's, two brothers stopped a stage near the outskirts of town and ordered five passengers out of their seats. One of the travelers wore a clerical collar. After the other passengers were stripped of their booty, the minister was taken aside.

"Your companions are notorious gamblers," explained Jesse James, "and we have a special reason for robbing them. But we never take from preachers, widows and orphans." With those words, Jesse handed over a share of the take, warning the minister not to tell his traveling companions.

During the '60s, a new breed of outlaw appeared in these hills: dope-smoking hippies. Naturally, the river beds of the Ozark Mountain streams provided excellent tillage for the cultivation of fine cannabis, and quite a lot of good weed was planted in the area during the early '70s. So much, in fact, that Eureka Springs got a mention in *HIGH TIMES* magazine. That innocent mention, however, cost the local growers dearly. The Feds moved in, put the area through a reign of terror, and busted half the hippies in town. Marijuana patch hunting replaced turkey hunting as the favorite redneck sport in Arkansas. Today--like most towns in America--it's easier to score coke in Eureka Springs than good green herb.

"I don't see a connection between marijuana and drugs," says Schoeninger. "Marijuana is organic, vegetable matter. In terms of public

Opposite page: Mayor Richard Schoeninger.





STEVEN HAGER

Built in 1901, The Palace Bath House still utilizes the original equipment from Victorian days. "The works" includes a eucalyptus steam treatment and a one-hour massage and costs \$53.



STEVEN HAGER

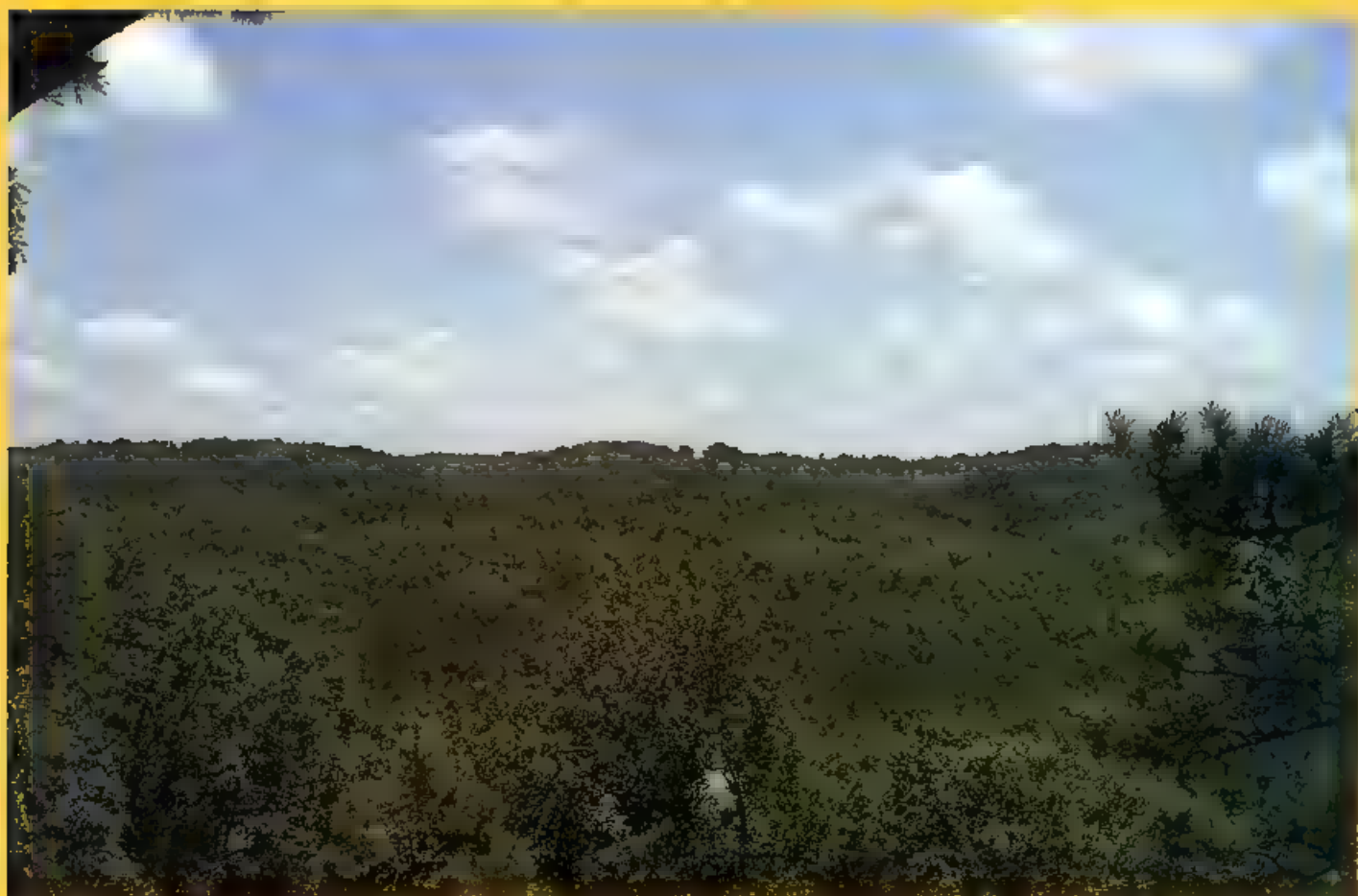
An elegant example of Victorian architecture, the Rosalie house offers tours daily, even though it is still maintained as a private residence.

burden, the two worst drugs in America are alcohol and nicotine. And I would venture to say that if you went through all the criminal cases involving drugs, and looked to see if violent acts were committed, you would find the least amount of violence associated with marijuana. I don't believe marijuana is a stepping stone drug. The solution to our national drug problem is education. You have to tell people; 'This is the impact, this is the cost, this is the reward, this is the risk.' I've had a very dysfunctional life. I've used a lot of drugs, abused a lot of drugs. But I don't think drugs were the cause of my behavior. When someone is having a problem with drugs, they're always the first to know. Do you wake up in the morning refreshed and happy? Or are you trying to draw some rope through your nose just to clean out a space where your brain used to be? Of all drugs, I hate cocaine the worst. I've seen sadness and pain and frustration. But the worst sadness I've seen has been the result of cocaine abuse."

Once a hermit and political nihilist, Schoeninger now believes in direct political action on the grassroots level. According to his theory, the problem with marijuana is that it's illegal, and the solution lies in the hands of the country's 30 to 50 million regular users.

"The motorcycle movement is a good example," he explains. "Some of the most hip activism I've seen lately comes from ABATE (American Bikers Aiming Toward Education). They basically have problems with insurance rates and helmet laws and want more freedom of choice. Unlike the marijuana smokers, who represent nearly a quarter of the population, bikers represent only about three percent. So they were getting picked off one by one. Now, when you show up at an ABATE fundraiser, you have to write a letter to your Senator or representative just to get in the door. They make you write the letter on the spot. If you really want to see laws change, you have to be willing to donate time and money."

What would happen if five or ten million letters suddenly appeared on Capitol Hill supporting cannabis legalization? "I can tell you what happens on the state level," says Schoeninger. "I was at a legislative meeting at the state Capitol and each person in the room represented about 50,000 people. This one guy stood up and said, 'These doctors want to bring out this bill against holistic healers and chiropractors, but I've received nine letters against this bill, and the issue is too hot to handle.' Think about it. Nine people were motivated to write a letter, and that made a



STEVEN HAGER

The Christ of the Ozarks, a 67-foot sculpture of Jesus, overlooks the town. The statue weighs over a million pounds and an automobile could easily be suspended from either wrist without causing any damage.

powerful political statement."

Has Schoeninger had any impact during his reign as mayor? So far, he's led a successful campaign to keep the local water supply pure (the business community wanted to add chlorine), he's raised several thousand dollars to refurbish local parks, and he's forced the tourist industry to pick up a bigger share of city expenses.

Schoeninger admits that the first half of his tenure as mayor was a wild experience. Shortly after he took office, a film company moved in to make a feature about the town. Titled "Pass the Ammo," the film told the story of a band of thieves breaking into the headquarters of a crooked TV evangelist. Once inside, the thieves change their minds and decide to take over the tv show to reveal the hypocrisy of the organization to the shocked viewers.

Eureka Springs was chosen as the location for the film because it was the home of Gerald L.K. Smith, a radio evangelist and well-known racist from the '30s, who built a seven-story statue of Jesus Christ on a mountain overlooking the town. In 1968 Smith opened the Passion Play, a 3-hour epic outdoor drama that draws 260,000 tourists a year. The audience sits in an enormous 4,400 seat amphitheater and watches the life of

Jesus enacted on huge set with complete with a cast of hundreds, as well as camels and horses.

And if the movie ordeal wasn't enough, a few months later the entire Hell's Angels showed up for a national meeting. "They called the sheriff's office and announced they were going to be in the area," says Schoeninger. "I didn't have anything to do with it, but I got credit because I'm the 'biker mayor.' When they arrived, I went out to introduce myself. They told me I was the only politician they'd ever met; they'd met a lot of cops but no politicians. Police were everywhere. I said, 'Jeez, doesn't it weird you out to have all these cops around?' They said, 'No, we like it. It's like having our own escort and it keeps the rednecks from trying to prove they're as tough as we are.'"

In another year, Schoeninger's term of office is up and he's not sure what's next. He might start a cookie company, or he might run for office again. "My political philosophy is based on the trickle-up theory," he explains. "I believe in the most authority at the lowest level. In terms of decision-making, everything should be vested at the local level. You take care of the people first, and if there's any money left over, that trickles up to big government."

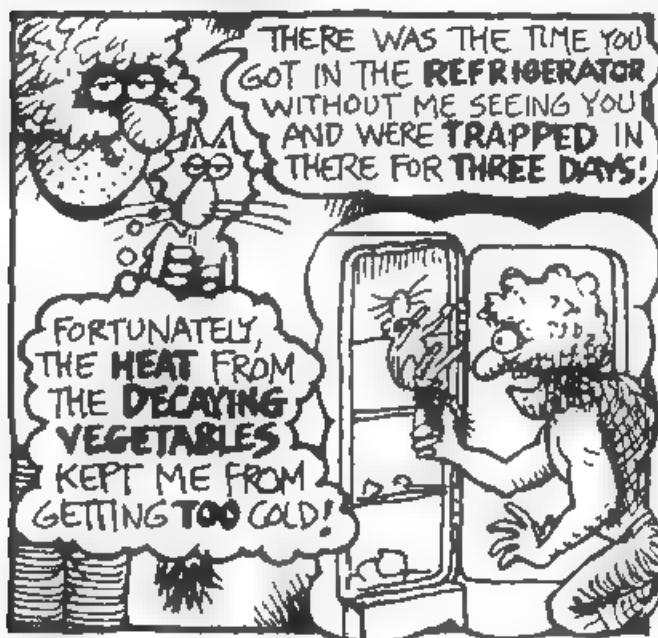
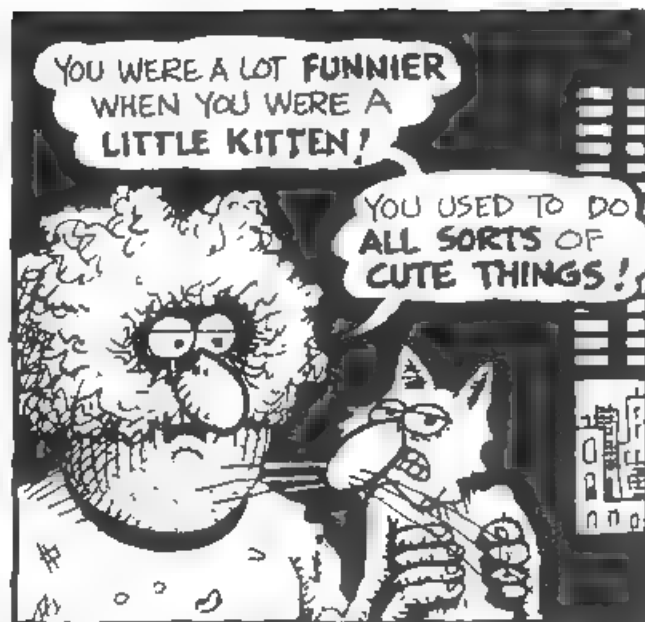
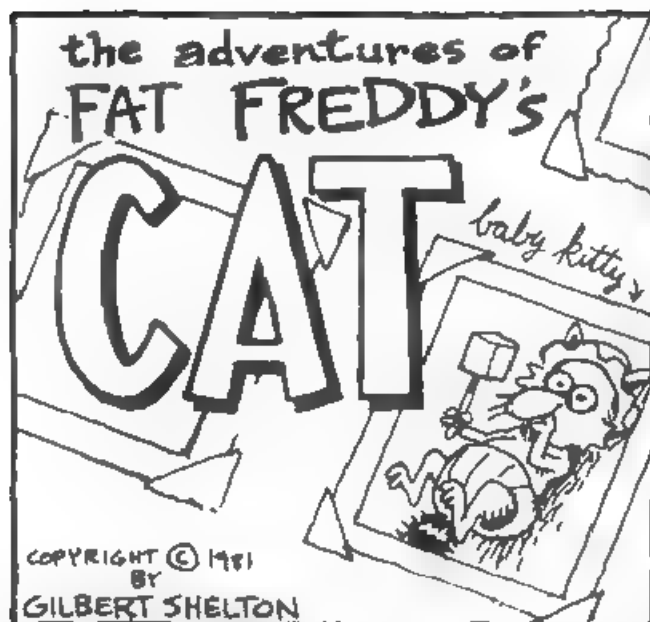
by John Holmstrom

LOWART

Paul Kuhrman



Bowling Altarpiece is a religious/sports allegory. Notice that only nine bowling pins are depicted. Pittsburgh kiddie show host, Joe Negri, who went on to fame and fortune as the mailman on *Mister Roger's Neighborhood*, is the bowling pin on the right in Heaven. The painting measures 45" X 45" X 45".



the adventures of
FAT FREDDY'S

CAT



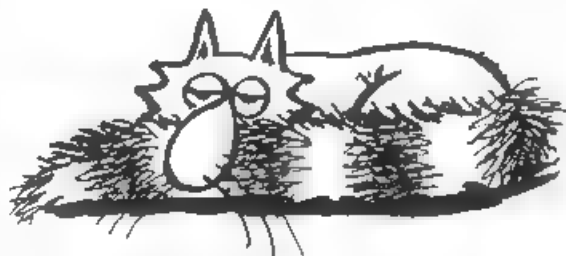
©1985

GILBERT SHELTON

TOO BAD CATS DON'T LIKE TO GO TO THE
BEACH, CAT! IT'S HEAPS OF FUN!

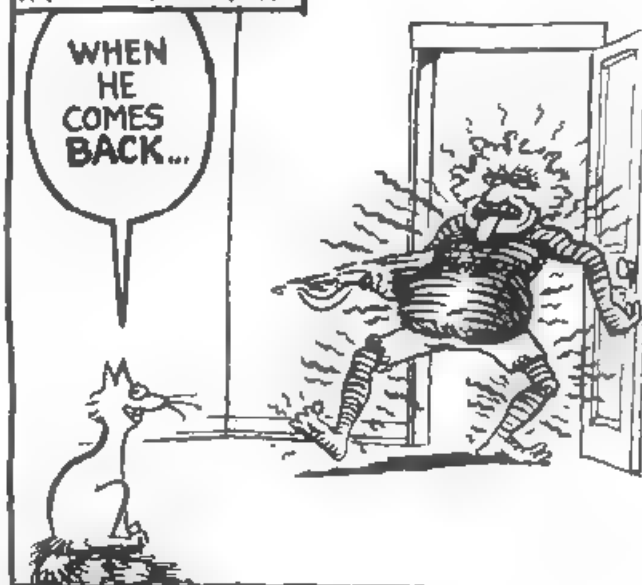


WHY SHOULD I GO ?



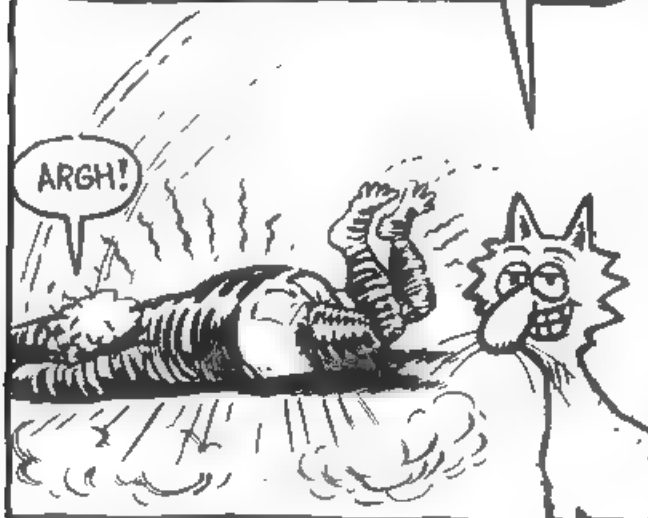
A FEW HOURS LATER.

WHEN
HE
COMES
BACK...



HE BRINGS THE BEACH **WITH** HIM!

ARGH!



SAND, SUN, EVERYTHING!

SOMETIMES HE EVEN HAS
FISH IN HIS PANTS!

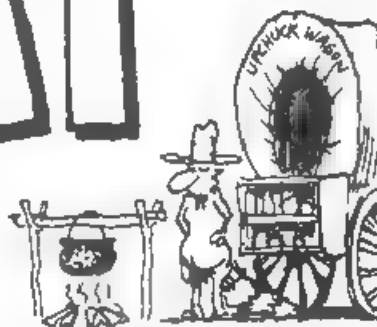
(SIGH!)

Z

MOAN.

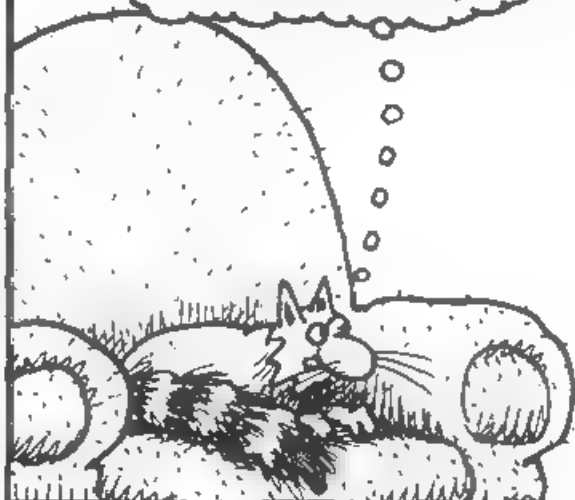


the adventures of
FAT FREDDY'S
CAT

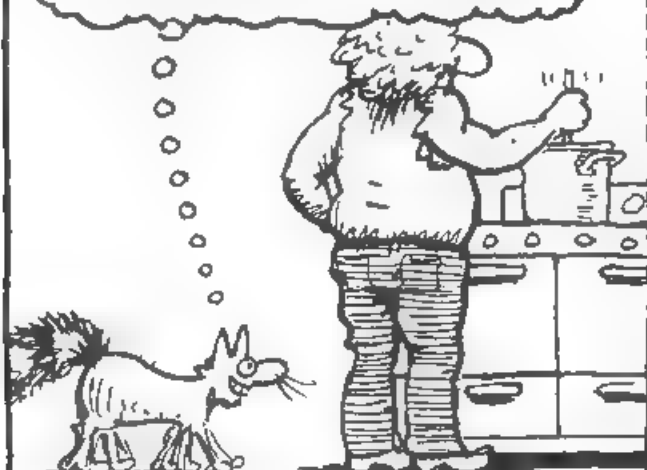


COPYRIGHT © 1980 BY GILBERT SHELTON

I HEAR CLANKING NOISES
IN THE KITCHEN!



JUST AS I'D HOPED! IT'S FAT
FREDDY COOKING SOMETHING!



PERHAPS IT'S A
DELICIOUS STEW,
FULL OF PIECES
OF TASTY BEEF!



...OR MAYBE A
CAULDRON OF
CHICKEN SOUP,
OR ELSE A POT
OF CHILI, OR
MAYBE...



BOILING
YOUR
SOCKS?

YEAH, IT'S THE
ONLY WAY I CAN
GET TH' THINGS CLEAN!



the adventures of
FAT FREDDY'S
CAT



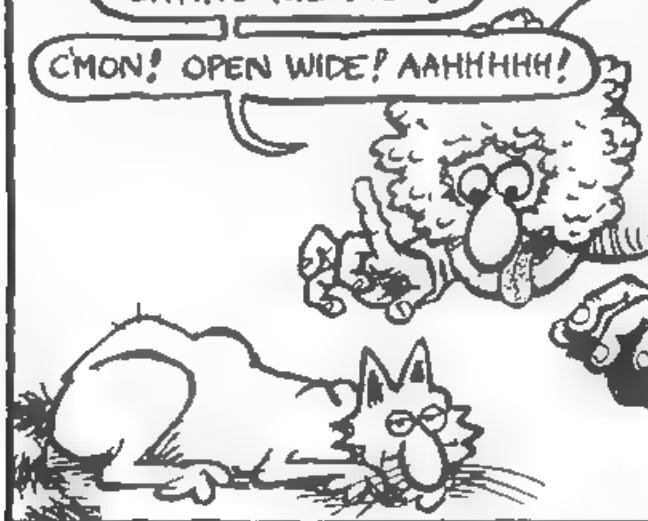
COPYRIGHT © 1980 BY GILBERT SHELTON

YOUR CAT'S SICK? ROLL THIS **PILL** UP IN A BALL OF **HAMBURGER MEAT** AND **FEED IT TO HIM!** THAT'LL HELP!



YOW! HE ATE THE MEAT WITHOUT EATING THE PILL!

CMON! OPEN WIDE! AAHHHHH!



WELL, I GUESS I'M GONNA HAVE TO USE **FORCE!**



THIS IS THE WORST CASE OF **LACERATIONS** I'VE EVER SEEN! WHAT DID YOU DO, FALL INTO A **SHREDDING MACHINE?**

WELL, ANYWAY, MY **CAT** SEEMS TO BE FEELING **BETTER!**

EMERGENCY ROOM





SOUTHERN EXPOSURE

BY NOMO T. RUBBLE

Tennessee.... What comes to mind with the name? Whiskey and hillbillies, country music, Elvis Presley and the Smokey Mountains. Among pot smokers the name also brings to mind that good ole "Tennessee Green." This was the leafy marijuana people mistook for quality herb in the '70s. Before the sinsemilla technique was practiced here, "homegrown" meant weak, harsh and cheap shake for smoke. As growers learned the seedless growing style (much thanks to Ed Rosenthal's growing books) the quality of herb dramatically rose, as did the prices. Most of the buds were scrawny at first, but with experience, they improved.

Indica-sativa hybrid that had the genetic code for purple coloration.



This stout seedling is a hybrid of some Hawaiian indica from Pupukea on Oahu and sativa-indica near Redding, California. It's good to know the source of the seed if at all possible. Brand names don't determine the potency of marijuana, but the location of the parent plants can be very important in determining maturity and harvesting time.

Some reasons early "homegrown" still meant bunk were because:

1) Seed selection was limited--Impotent Mexican produced impotent domestic. The best seed available in the mid '70s was Colombian which was very slow to mature into full buds before killing frosts stymied their development.

2) People harvested too early--Growers wanted to get the plants in before hunting season opened. When the plants got really big in the late summer they were still vibrant green and other vegetation was getting brown. Very easy pickings for someone in the woods. Marijuana is free game in the wild.

3) Belief that pot was a weed capable of

taking care of itself. Farmers thought the plant would become a lush bush without careful cultivation. The yield and quality was usually poor from these growers.

As more connoisseur Mexicans and *indicas* started showing up, growers had quality seeds that would mature by the midfall before frosts and hunters hit the woods. With enlightening information, they started caring for their plants as if they were prize roses. The value of primo buds warranted daily maintenance checks to keep the plants at maximum production. Gone were the days of throwing seeds in the ground during the spring then going back to harvest in the fall. Raising high quality hooch became a full-time job for the serious cultivator. The



Here's a multi-variety patch one week after transplanting. Daily watering was required because of the prolonged drought. The slope of the hill provided a perfect "angle of incidence" as the sun lowered into the south sky during the fall. The sun's rays were perpendicular to the ground during flowering in September and October. On the north side of the garden, a buffer of cedar trees and bamboo protected the plants from easy detection and cold autumn winds. A broad opening in the woods brought uninterrupted sunshine for eight hours each day. All of the shorter trees and low, bushy growth kept the garden concealed until you walked right up to it.



This is the exact same Californian-Hawaiian hybrid as the previous photo, taken two weeks after the preceeding picture. These plants received only organic fertilizers that were added to the soil before transplanting. The soil in this set of pictures is a recipe of 1) forest bottom soil with natural humus, 2) perlite and vermiculite, 3) blood meal, 4) bone meal, 5) wood ashes, 6) chicken and cow manure, and 7) lime. The plants showed no deficiencies throughout the growing season.



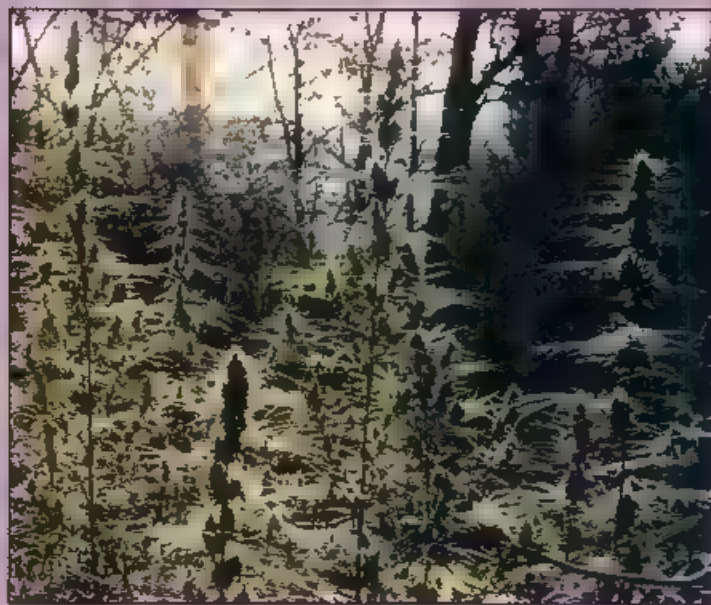
The giant indica in the background is nearly mature, while the sativa variety in the foreground is just beginning to flower. Both were started in the spring under the same cultivation techniques. The sativa took 4-5 weeks longer for full bud formation than the indica.



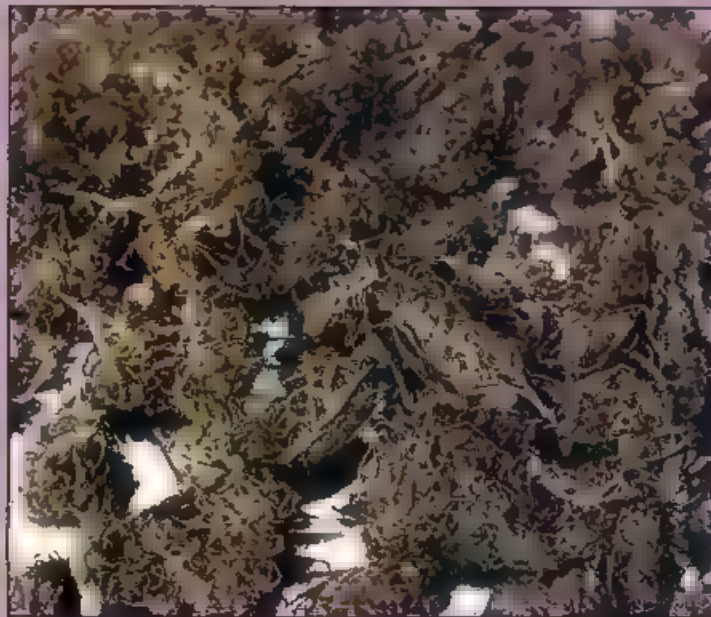
This adolescent couldn't seem to grow quick enough. The variety represented here was from Thailand and grew some of the slickest leaves among all in the garden. They remained shiny and fresh-looking even in their mature stages.

skeptical smoker who thought the only good domestic reefer came from California or Florida soon began to enjoy the new "Tennessee Green."

By the early '80s, Tennessee had become the 4th leading producer of marijuana in the United States. Only California, Hawaii and Oregon outproduced the Volunteer state. The State Police began conducting helicopter surveillance mainly in the east Tennessee mountains where patches of several acres



To reduce the time involved in cultivation, plant in late June or early July. Harvest can be as soon as three months away. These plants were regerminated on July 20th, planted, then photographed on October 30th. Some of the indica-sativas were harvested this day and others were picked November 15th.



As these buds were curing, dampness re-absorbed back into the clusters then dried out again to produce the brown color. The seeds were acquired from a grower who had acclimated some sativa to mature by early October here in Tennessee.

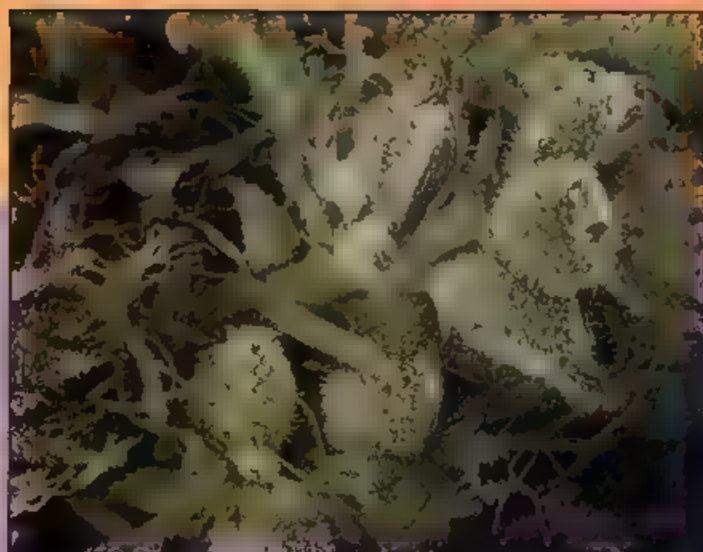
existed. When the officials realized the extent of cultivation across the state, the search and destroy missions escalated. Soon you were hearing about as few as ten plants being spotted from choppers. For every plant destroyed, there were many more left unfound.

For years every fall saw an abundance of buds and prices for high quality sinsemilla were low. One hundred dollars an ounce was the common fare. More money was funded for a harder crackdown on marijuana cultivation. Prices rose as penalties and seizures increased. The cost of an ounce of boo went up to 150 to 200 dollars and sometimes more. The prices are still below what people on the West Coast and big cities like New York or Chicago pay.

In much of the country, and especially in Tennessee, there's been a major drought through the mid '80s. Only this year (1989) has there been average or better rainfall for the region. The state task force responsible for eradicating marijuana has been grounded much of the time this summer as a result of the nearly daily thunderstorm activity. They've admitted that the abundance of moisture has been a tremendous boon to the clandestine cultivators. Gardens are lusher than ever before. Growers have reduced visits to their patches which lowers the possibility of detection by the ground watchers of the task force. Hopefully the weather trend will continue and 1989 will prove to be the year of a bumper crop of potent buds.

Most growers maintain only enough plants for their own consumption or just enough to share with close friends. More attention is given to each individual plant resulting in higher production in a smaller area. No more big fields for the task force to find.


The government is trying its hardest to make it a vicious crime to soulfully nurture one of man's oldest cultivated plants. It's certainly a difficult struggle, but Freedom Farmers must continue to practice doing what they heartily believe in. Tennesseans still mostly grow marijuana out under the sun but more and more are switching to indoor systems. Things seem to go a little slower here in the South and traditional organic farming techniques are preferred over high tech, electronically controlled ecosystems. The climate and the soil gives local buds their unique characteristics and when and if the day comes where every grower has to move inside, those peculiarities will be lost. Let's hope the time comes when marijuana can be raised without the stresses of concealment forcing the smoke to lose it's naturally given quality of taste. ●



The mother plant here was an indica-sativa hybrid from the Big Island of Hawaii and the seeds were produced with pollen from a male Jamaican sativa plant. The offspring from this crossbreeding grew tall like sativa but budded up and tasted like indica!



This bud was the product of a thin-leaved indica introduced to Tennessee from South Africa. A rich, full hash bud taste came from it. This plant grew to only 2 1/2 feet from July to October at full maturity.



*A toxic rubus, fronts its ingested the within various pigment
expression. These beautiful view has control to which from it can*

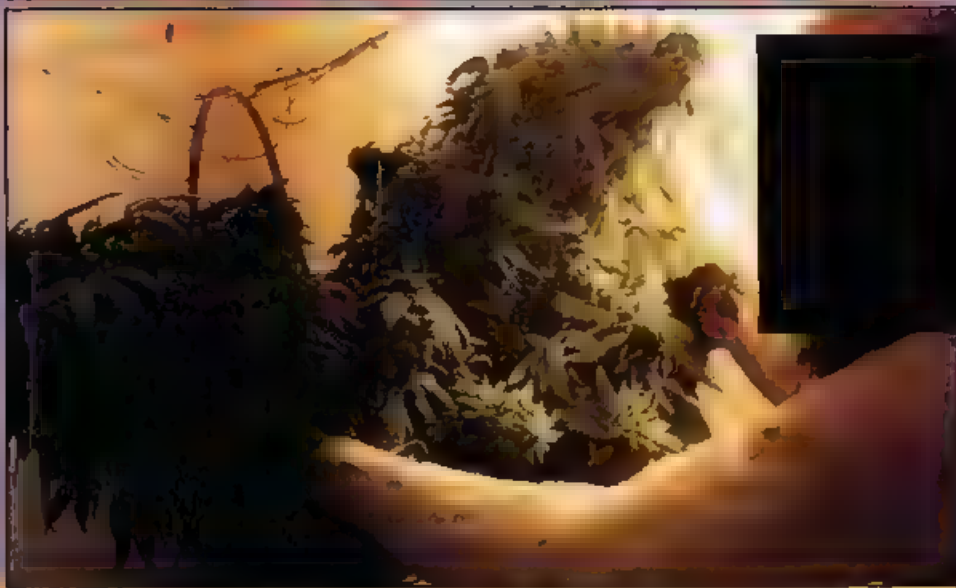
TENNESSEE TEA

A close-up photograph of a tea plant branch. The leaves are dark green, serrated along the edges, and have prominent veins. The lighting is soft, highlighting the texture of the leaves.

TENNESSEE TEA

BY ED ROSENTHAL

ASK ED



PLANT OF THE MONTH

Here is a picture of the freakiest plant I have ever seen. I have been growing for 23 years and have had plants that produced massive quantities of excellent bud both indoors and out. This plant is special enough that we named it B.G. Bertha.

At harvest she was 41-inches tall. She had two main buds and several lower ones. By weight we reaped a total of eight ounces of bud and several ounces of leaves. The seeds came from a Hawaiian and Afghani cross, but BB was the only one to produce like this.

At harvest I cut the big buds and left several lower ones with about six inches of the main stalk and set the photoperiod back to 18 hours of light, six of darkness. BB exploded. In eight weeks I have taken 60 clones and could take a hundred more. Most of the clones look like they will rival mother.

--G & M
Eaton Rapids, MI

BUD OF THE MONTH

I start the seeds in a small propagator. Those that look the healthiest are planted into Jiffy-7 cubes and placed in a Phototron which is inside a closet of my #1 growroom. The lights are on continuously with the side panels of the appliance raised slightly to improve air circulation. Only the strongest survive. They are transplanted to a five gallon container of potting soil, perlite, and worm castings. I place them under a 1000 watt MH with a 48-inch reflector where they stay until they are 15-inches tall, then move them into the flowering room with a HPS light. I feed them 20-6-16 and for flowering, 3-35-10. This photo is the result of my efforts.

--The Dragon Lady
Missouri



TESTING RESEARCH REQUIRED

Recently, while picking the sun leaves from my plants, I decided to try compressing them to see if this would concentrate the THC. When the leaves were pressed, a brown liquid dripped out. It tasted bitter and numbed my tongue. Is there a name for this liquid? Does it have a high THC content? Is it worth smoking?

Thanks,
--T.F.
Steger, IL

I do not know what makes this liquid analgesic. It does not contain THC and does not seem

to be psychoactive. Can anyone give us some info on it?

SPRAY-N-GROW

I've been using a product called Spray-N-Grow for the past few seasons.

This product is a mild organic micro-nutrient and hormone spray. I used it once a month. Bud yields increased by one-third to one-half. The taste is also enhanced. Spray-N-Grow is cheap and really works! Plants grown with it are really healthy.

Another product from the same company is a mild fungicide called "Triple Action 20." It is safe to use

and biodegradable. It works well on getting rid of both leaf and bud rot. It is especially good at getting rid of rot and mildew type fungus. It is the best and safest fungicide I've ever used indoors. Outdoors, it works as good as any fungicide except that it is cheaper. My fruit trees prove this fact.

--Johnny "Hooch" Applesseed
Wyandotte, MI

Thanks for the tip, Johnny. Spray-N-Grow Inc., PO Box 722038, Houston, TX 77272. Tel. 1-713-771-5760. An eight-ounce bottle, which makes eight gallons of diluted liquid, costs \$12.95 including shipping.

continued on page 58

ENZYMES: THE FUTURE IS NOW

by Dr. Zee

Enzymes are not fertilizers nor are they nutrients, but catalysts in the form of positive-charged particles called Ions. They have been with us since the beginning of time, for without them life could not exist. More than 8,000 enzymes have been identified, however, only certain ones work magic in the soil. Micro-organisms process the organic matter in the soil and change it into forms that plants can use: macronutrients such as phosphorus, potassium, and nitrogen are usually present in most soils as well as the micronutrients iron, copper, zinc, boron and others. All are necessary for healthy plant growth, but without enzymes they cannot digest the nutrients to make them available to the plants.

An enzyme is a large protein molecule. It is not alive and

Enzymes can reduce germination time, increase root structure, unlock nutrients, and reduce watering needs.

cannot reproduce--rather they are produced by bacterial action. It is well known that the presence of bacteria is a requirement of healthy soil. Enzymes operate on the organic matter in the soil and allow a release of nutrients. Soil that is deficient in an element usually has to have that element added, but with the addition of enzymes the elements are unlocked and available to the plants.

Enzymes also affect the water in the soil and help release the locked-in nutrients. The facial tension, subfacial tension and the surface tension are altered, therefore, the water will soak easier into the soil allowing a complex root structure to develop.

Enzymes work to release free hydrogen radicals which help the cation exchange ratio of the soil. A high cation capacity is essential to a loose soil with good capillary moisture movement. Enzymes and bacteria promote the electro-magnetic attraction and repulsion in the soil. Enzymes also help detoxify the soil by breaking the chemical bonding back into component parts.

The adaptation of enzymes to agricultural use is new and exciting. They will help to adjust the acid-alkaline balance to a favorable pH of 6.5-7, which is ideal to our purpose. I have had excellent results with a product known as Nitron. This product worked so well that I was amazed at the results.

I originally began the research dealing with soil acidity, water retention and penetrability and soon realized that was only the beginning. The soil I treated with Nitron immediately drew the water into the soil, whereas untreated soil from the same source puddled.

In some parts of our country as well as Canada, the soil is clay which tends to compact easily, which deprives the roots of oxygen. Clay tends to retain too much water for effective

plant growth and hardens to a compact layer preventing root growth. Clay is also known for high acidity, yet after test nitron raised pH from 4.6 to 5.2 after only two applications, the soil was more permeable and aerated. This is especially good news to the outdoor grower who cannot risk extensive soil cultivation and preparation.

Outdoor growers usually do not have a great variety of choices as concealed sites are few and far between. Problems such as pH, soil hardness, water retention and nutrient imbalances can be solved by the application of Nitron. A few waterings with Nitron and the addition of polymers can greatly enhance the yield as well as reduce the effort expended.

I made some tests and will briefly touch on the results.

Three types of soil were used: #1 was common soil with nutrients added, #2 was a mixture of soil, peat, worm castings, vermiculite and bone meal, #3 the same mixture as #2 but with the addition of Nitron in a 5% solution. The results show the addition of Nitron to be a significant improvement.

GROUP GERMINATION pH MOISTURE WATER RETENTION

#1	7 DAYS	67%	5.1	16.2%	7.13%
#2	7 DAYS	88%	5.3	19.54%	8.45%
#3	5 DAYS	100%	5.7	23.31%	9.56%

Results in the penetrability test show the Nitron-treated soil was twice as easy to penetrate as that of the untreated soil. Soil benefits include aeration, biological activity drainage, root growth, and larger, healthier plants that will certainly yield more. The Nitron-treated soil germinated the seeds faster and produced a 100% germination.

Growth malformities usually found with accelerated growth are absent.

How can something so small that millions of them can fit on the head of a pin do so much? They are tireless workers that have been shown to reduce germination time and increase root structure, increase micro-organism and bacteria, unlock nutrients, improve the cation exchange, reduce fertilizer needs, reduce watering and increase production. Cost? Less than \$10 to properly treat one-half acre. Thanks to the Finger family for making this unique wonderful product available at a truly bargain price. Until next time, Dr. Zee.

NOTE: Nitron is a product of Nitron Industries, 4605 Johnson Rd. P.O. Box 1447, Fayetteville, AR 72702. Phone: 501-750-1777.

A Tale Of Two Gardens Pt. 7

by **ED ROSENTHAL**

Liz's Garden

These photos were taken only two weeks after the photos of part #6. Liz's three-stage garden is doing fine. Clones are in various stages of rooting in the aerated, warm-water cloning chamber.

Second stage plants are growing fast and will be ready for flowering soon.

The flowering plants are two to three weeks from harvest and are already beginning to glisten. Liz is reflowering her plants but left quite a few branches on each one. The result is hundreds of small, but potent buds.



Stage two and three gardens. The plants in the bottom section, stage two, are growing rapidly and will soon be ready to go into the top garden.



Stage two garden. The plants are about to start very rapid growth.



Clones root easily in aerated, heated water. Styrofoam plates hold them in place. A diluted, high phosphorous nutrient solution helps encourage root growth. Some of these babies have rooted, others have just been placed in the chamber. The rooting area is enclosed to conserve moisture.



There will be thousands of buds this time because of the extensive branching.



This bud is two to three weeks away from maturity. Before that time, it will grow more, fill out, and become covered with glands.

Sharkey's Garden

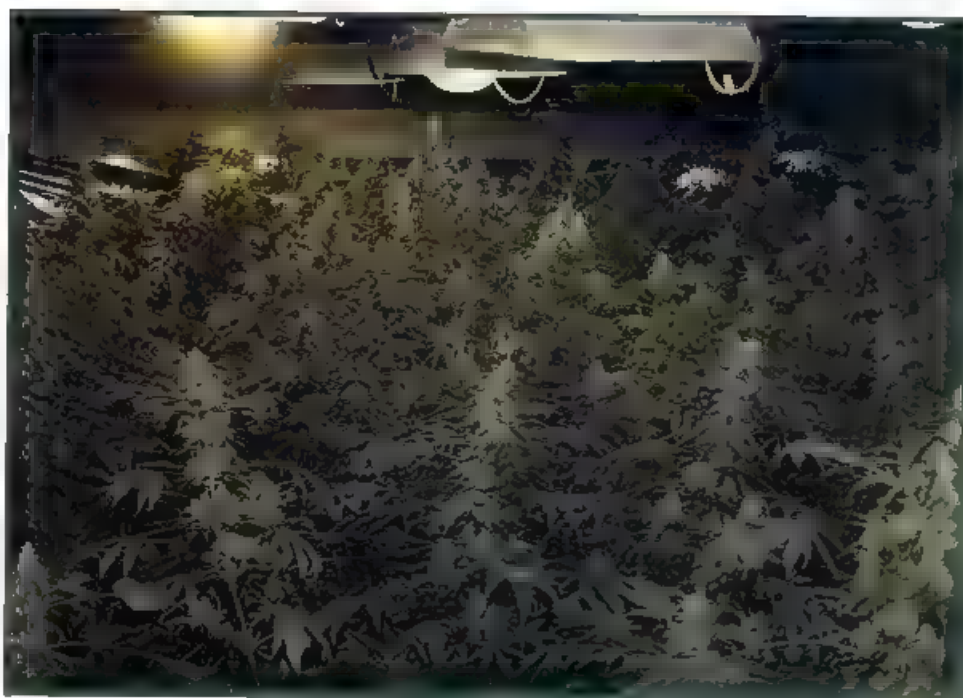
Sharkey's garden is now on line. He has a three stage system. First plants are cloned in a small area, then they are moved to a second section where they are grown vegetatively until they are about a foot tall. Finally they are placed in the flowering section.

Sharkey has found the Skunks to be the most prolific plants in this garden. It yields almost twice as much as any other, including other Dutch varieties. The mixed group of plants, mostly sativas, he acquired from another grower. These are being phased out as the superior varieties fill the space.

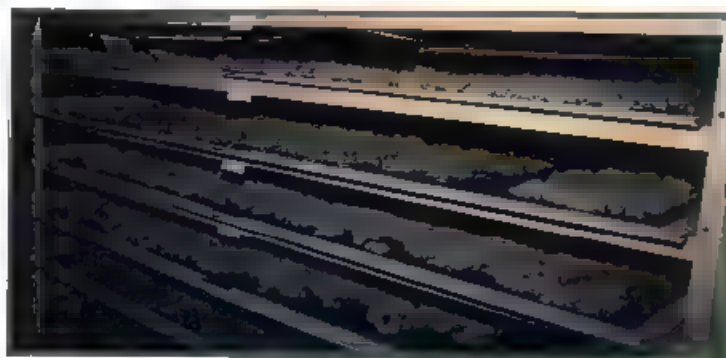
The stage three plants are about five days from harvest. The buds are fluorescing and the latest glands are filling out.

The garden is watered automatically using drip system units and rockwool. Problems with calcium deficiencies have been overcome by adding lime to the water. Although it has limited solubility, some of it gets to the plants.

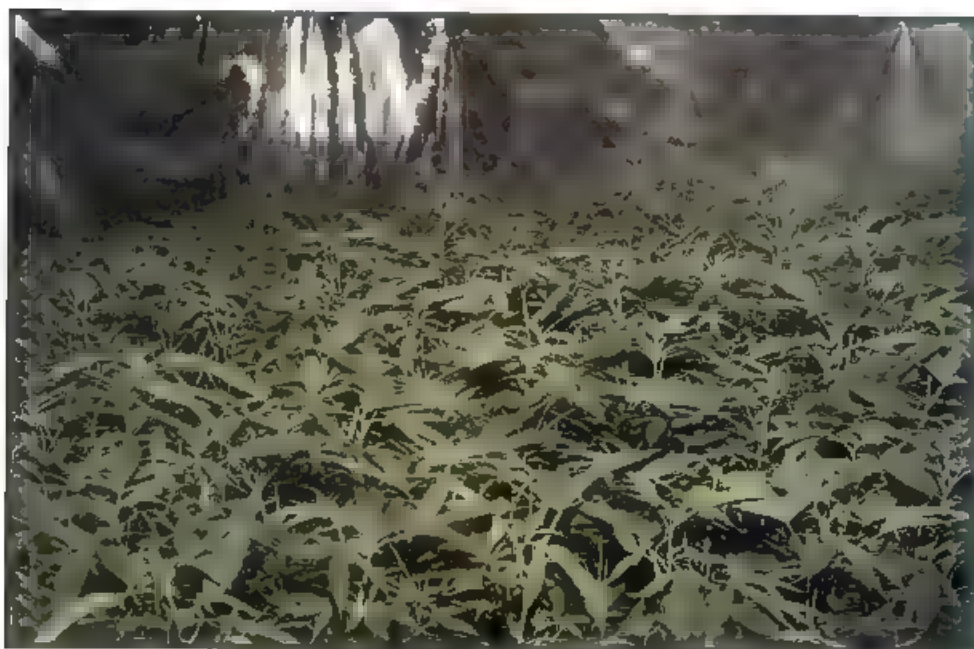
Sharkey uses a food dryer to cure the buds. This is coming in handy as the yields grow and the garden enlarges. ●



The stage three garden. Dutch plants, mostly Skunks, are in the front and the mixed group plants are in the back. Notice the short, squat stature of the Dutch plants, as compared with the mixed group "stash seed" plants.



The drying rack, extra large size.



Stage two garden. The plants are grown in rockwool using a recycling drip system. When the plants grow to one foot, they will be placed in the flowering section.



A Skunk bud five days from harvest.



THE SEED BANK

**Winner
in all
categories**

The Seed Bank
Postbus 5
6576 ZA Ooy
The Netherlands

General Champion 1989



ESU Indoor Sun Chronicle

TEST RESULTS PROVE GREENLEAVES BEST

After 10 exciting years of testing, the results are finally in, and GREENLEAVES is the undisputed leader in plant nutrition.

Independent test results prove that GREENLEAVES Grow Juice (14-7-20, wt/wt) is light years ahead of other leading brands in producing optimal plant growth. In every test, GREENLEAVES was at least 40% better than any other nutrient tested. Some test parameters included protein synthesis, total growth and bud yield. Typical results are presented in Figures 1-3. GREENLEAVES was introduced 10 years ago as the first complete liquid nutrient for plants packaged in a single container. This is difficult to accomplish because some essential plant nutrients react with one another and become insoluble. Many companies have tried to copy GREENLEAVES but no one has even come close. The results speak for themselves.

GREENLEAVES' sales have doubled each year as more and more people across the nation become regular users. GREENLEAVES Grow Juice is prepared by blending and aging dozens of ingredients of the highest quality at different pH and temperature conditions. Unlike other manufacturers, the makers of GREENLEAVES Grow Juice refuse to compromise the quality of their product by using inexpensive and inferior materials like urea, ammonium phosphate and potassium chloride as sources for nitrogen (N), phosphorus (P) and potassium (K), respectively. These materials yield high numbers for N, P and K, but the numbers are deceptive because they are derived from nutrient sources that can cause severe burning of plants.

Materials which are biologically most active and safe are used in the preparation of GREENLEAVES. Not even the most celebrated vintage wines are prepared so expertly and meticulously! The finished product looks like liquid gold and performs even better. Besides containing ideal proportions of all the major, secondary and trace nutrients that are essential for plants, GREENLEAVES Grow Juice also contains a built-in pH monitor for easy visual assessment and correction of pH without the use of expensive pH meters or test kits. And, in

addition, GREENLEAVES Grow Juice contains natural plant hormones and vitamins to protect plants from transplant shock and promote rooting.

GREENLEAVES gives you the best value for your money. People drive over 1,000 miles to ESU to load up their trucks with 55 gallon drums and 5 gallon jugs of liquid gold. Get some today and prove to yourself that there really is nothing better or even half as good. Recommended dosage is 1 ounce per gallon, but, because the formula is so well balanced, you can use 2 or 3 times the recommended dosage for fantastic growth without fear of burning your plants.

5 gal-\$85.00; 1 gal-\$19.95, 1 qt-\$8.95, 12 oz-\$3.95

GREENLEAVES BLOOM JUICE UNLEASHES TOTAL BUDDING POWER

GREENLEAVES Bloom Juice (12-40-24, wt/wt) represents the greatest technological advance in the history of floriculture! This fantastic formula unlocks the total budding potential of plants so they bud and blossom like you never dreamed was possible. And as for the size of the buds, they are just incredible! GREENLEAVES Bloom Juice is so fabulous because it uses GREENLEAVES Grow Juice as the starting material. The Bloom Juice is loaded with extra phosphates and potassium for added budding power, and to further increase budding efficiency and size, extra trace elements and special budding hormones are also added. All you have to do is use this preparation during the budding stage and be amazed at the results. Recommended dosage is 1 ounce per gallon.

5 gal-\$99.00; 1 gal-\$24.95, 1 qt-\$9.95, 12 oz-\$5.95

MAJOR BREAKTHROUGH IN CLONING TECHNOLOGY

Energy Savers Unlimited introduces GREAT ROOTS, the miracle liquid formula for rooting cuttings. Only naturally occurring hormones and vitamins with the greatest biological activity are used in the preparation. Compounds like indole-3-acetic acid, 6-r-r dimethylallylaminopurine, and a host of other ingredients including nucleotides, carbohydrates and amino acids, act in concert to produce vigorous and luxuriant roots from your favorite cuttings. Most other formulations use synthetic hormones like naphthaleneacetic acid or 2,4-dichlorophenoxyacetic acid which do not occur naturally in plants, and besides are not as effective for rooting.

GREAT ROOTS is a liquid preparation and works best in combination with GREENLEAVES Grow Juice. Together, they provide the full spectrum of hormones, vitamins and minerals for accelerated initiation and proliferation of roots. Because GREAT ROOTS is applied directly to the rooting medium, cross-contamination by dipping cuttings in powders is avoided. GREAT ROOTS has been around for quite a few years, now building an awesome reputation as the most effective rooting formula by a steadily increasing number of satisfied users.

1 gal-\$295.00; 1 qt-\$99.00; 8 oz-\$45.00, 1 oz-\$4.95

Comes with one 12 oz bottle of Grow Juice.

GREAT ROOTS is used only for the initial application. For subsequent feedings only 1 oz/gallon of GREENLEAVES Grow Juice is used.

OTHER SUPERB PRODUCTS FOR HYDROPONICS FROM ESU

WICK SYSTEM HYDROPONIC UNITS

Most efficient and economic units. Can be interconnected. GREENLEAVES Grow Juice included.

1 unit-\$29.95, 4 units-\$99.00, 8 units-\$179.00

BUFFERED PH REDUCERS

Used during vegetative and bloom phases to lower nutrient pH and maintain its desired level.

ESU pH Reducer - Grow Cycle

ESU pH Reducer - Bloom Cycle

5 gal-\$85.00, 1 gal-\$19.95, 1 qt-\$8.95, 8 oz-\$3.95

PLANT STIMULANT

A vitamin and hormone based energy booster for all plants. Promotes efficient utilization of high light intensities and increased carbon dioxide levels.

5 gal-\$85.00, 1 gal-\$19.95, 1 qt-\$8.95, 8 oz-\$3.95

And of course all ESU products have a money-back guarantee if you're not absolutely astounded by the results.

CHECK, IS IT	Contains All 14 major minor and trace elements	Contains Vitamin B ₁ to protect from transplant shock	Contains rooting hormone to promote rooting of cuttings	Can be used with each watering without burning	Contains pH monitor for visual assessment of pH	Buffers and maintains desired pH level of nutrient	Can be used in soil and hydroponics	Uses harmless ingredients
GREENLEAVES	YES	YES	YES	YES	YES	YES	YES	NO
LEADING BRAND #1	NO	NO	NO	NO	NO	NO	NO	YES
LEADING BRAND #2	NO	NO	NO	NO	NO	NO	NO	YES
LEADING BRAND #3	NO	NO	NO	NO	NO	NO	NO	YES

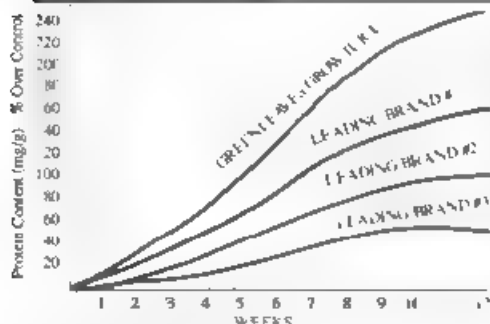


FIGURE 1 Effect of various hydroponic nutrients on protein synthesis in Tomato Plants. [Control plants were treated with a fertilizer containing only N, P, and K.]

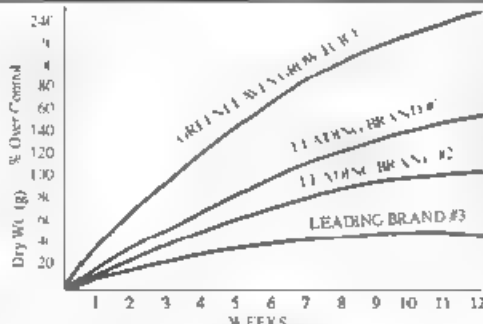


FIGURE 2 Effect of various hydroponic nutrients on the dry weight of Bean Plants. [Control plants as in Fig. 1.]

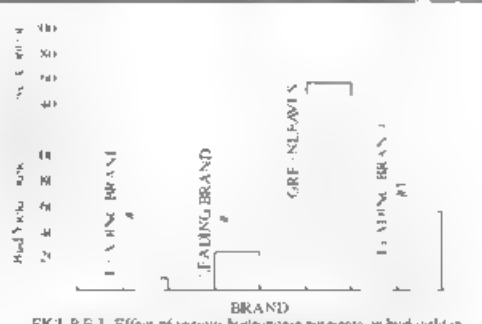


FIGURE 3 Effect of various hydroponic nutrients on bud yield in Tomato Plants. Plants treated with GREENLEAVES were fed Grow Juice for 4 weeks and Bloom Juice thereafter. [Control plants as in Fig. 1.]

ORDER TODAY 800-421-2994
INSIDE CALIFORNIA 800-538-3400



Prices do not include shipping. CA residents add 6 1/2% tax.
Energy Savers Unlimited, Inc.
22138 S. Vermont Bldg. C Torrance, CA 90502

1ST
ANNIVERSARY
SALE!**BUSTED!!****DON'T LET WHAT HAPPENED
TO ME HAPPEN TO YOU!**1ST
ANNIVERSARY
SALE!ODOR SLAYER™ was Made with You in Mind
Let ODOR SLAYER™ Protect You and Your Investment!

- Quiet
- Portable - 25 lbs.
- Uses only 2 Amps.
- Continuous use

- Eliminates all odor
- Made of Stainless Steel and Rubbermaid material (will never corrode)

One year parts and labor guarantee — 30 day money back guarantee — Most orders shipped in 24 hours — C.O.D. orders welcome — No deposit required — Quantity prices available — Call for information & brochure

\$367.37 \$467.37 tax & freight included — * Save \$100.00 ***Dragon Enterprises, Inc.****P.O. Box 574, Verdala, WA 99037****1-800-541-0446**

Made in U.S.A.

Patent Pending

Dealer Inquiries Welcome

INTRODUCING THE**HYDROMAX 2000**HIGH TECH STATE OF THE ART
HYDROPONIC SYSTEMACTUAL SIZE
23"x43"x19 1/2" H**FOOTHILL HYDROPONICS**

10705 Burbank Boulevard, N. Hollywood CA 91601

Open 7 Days A Week

(818) 760-0688**Complete Line Of:**

Ph adjusted nutrients, Growlights & Accessories
Climate Control & Test Equipment, Rockwool &
Irrigation Supplies

Dealer Inquiries Invited — Call or Write For A Free Catalog & Price List

\$249.00

— Compact system features 4 stage design.

- 1) 20 gallon nutrient solution holding tank
- 2) EBB N Flow growing bed with 10 sets of 1" deep ridges for air/nutrient flow
- 3) Plant support tray which holds 12 4x4 rockwool cubes for mature plants
- 4) Clear humidity hood for starting hundreds of clones or seedlings (hood is 9" high)

— System functions as EBB N Flow table holding a sea of plants or nursery for 12 large plants also can be adapted to slabs for drip system.

— The MAXIMIZER technique (included) features 12" air stone and air pump

— Package includes: Submersible pump w/pump outlet/drain assembly, grounded timer, water level indicator, overflow package, 1 lb Grow, 1 lb Grow-Bud, 1 lb Bud-Harvest Nutrients

ASK-ED

continued from page 52

**ROOT BOUND FOR
CLOSE NODES?**

I'm on my second bookshelf crop. I use fluorescent lights, and a pH balanced soil mix with a touch of vermiculite thrown in. All of the known variables between my two crops have remained the same with the exception of transplanting.

My first crop I transplanted from enclosed germination trays to Foster's Lager cans to two gallon buckets. On my second crop I eminated the Foster's cans.

My first crop was rootbound. The leaves were stunted and plant growth was slowed. However the nodes were very close together and the buds were tight and full. My second crop is normal. Large leaves and a larger gap between the nodes.

Am I correct in assuming that rootbinding is the culprit behind this? Using lights, I don't want vegetative giants. Would binding the roots for a time be as beneficial as it appears to be?

— *Anslinger's Nemesis*
Reno, NV

Yes. Tight quarters for the roots will result in smaller leaves and shorter internodes. There is a delicate balance between rootbinding for smaller plants and stunting growth dramatically.

**CLEANS DISHES AND
KILLS MITES**

My growroom is not far from some large corn and bean fields so it is constantly being invaded by spider mites. My solution to the problem is to use a concoction of one ounce Safer's Insecticidal Soap and one ounce of Sparkle Glass Cleaner to a quart of water. I turn off the intense light and spray all the plant surfaces and then rinse them off with clear water. Then I repeat this process for total control. Don't put the plants under the lights again until they are dry.

Sparkle Cleaner contains a glycol that mites can't stand. Other brands such as Windex contain ammonia and other toxics which kill the plants.

— *Peace Frog*
Chicago, IL

Thanks for the tip, Peace.
Caution: Before gardeners try this or any other recommended remedy, try it on a sample plant or two.

continued on page 60

MAIN LABS PRESENTS

**The Hottest Product Line
In The Nation**
Items Not Included For Legal Use
Room Odorizer

MIAMI ROCK(THE NAME SAYS IT ALL
TRIPLE STRENGTH)**BOLIVIAN ROCK**(ALL ROCK THE BEST
'OUR BEST SELLER')

1/2 OZ \$60.00
1 OZ \$90.00

COCA SCENT

(MANNITOL OR INOSITOL)

1 OZ \$25.00

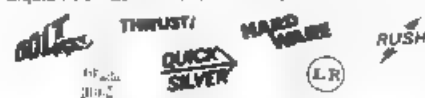
LETTUCE "O"

(BLACK ONLY)

1 OZ \$25.00

THE ULTIMATE BLAST!!

Liquid Aromas \$6.00 Per Bottle



Sample Pack Available
\$15.00 Call Today

Order By Phone — Fast Service
CALL (419) 473-1146

- Terms - C.O.D. plus Shipping
- Visa and MC Accepted
- A. Orders Must Be Cash

**RECREATIONAL
DRUGS****RECREATIONAL DRUGS
by Professor Buzz**

This is the single finest book ever written on the manufacture of all kinds of recreational drugs.

Profusely illustrated, it covers the equipment techniques and reagents used in the clandestine manufacture of recreational drugs. No one can be said to be informed on the subject of illegal drug manufacture unless they have read Professor Buzz's *Recreational Drugs*. Order your copy today! You will be very pleased. We know 8 1/2 x 11, 160 pp, illustrated, soft cover



Loompanics Unlimited HT9G
PO Box 1197
Port Townsend, WA 98368

Please send the above book. I have enclosed \$21.95 each, plus \$3.00 for shipping and handling

Name _____
Address _____
City _____
State _____ Zip _____

HYDROPONICS • HI-INTENSITY GROW LAMPS • POTTING MIXES • TIMERS • TUBING • FITTINGS • PUMPS • TEST EQUIPMENT • BOOKS • CLONING SUPPLIES • NUTRIENTS •

THE DOCTOR IS IN!

HOME HARVEST GARDEN SUPPLY INC.

WELCOMES DR. INDOORS (AKA) BRAM TO ITS DEDICATED STAFF OF GARDENING ENTHUSIASTS!!

• OUR COMMITMENT TO EDUCATING THE CONSUMER WHILE PROVIDING THE LATEST IN USER-FRIENDLY GARDEN PRODUCTS WILL ASSURE YOUR SUCCESS!!

• CALL TODAY - (703) 494-2917

13624 JEFFERSON DAVIS HWY
WOODBIDGE, VA. 22191

EASY ON/OFF I-95... 30 MINUTES FROM D.C.

FREE CATALOG!
CLASSES!
NEWSLETTER!

OPEN EVERY DAY
MC/VISA

LARGEST FULLY STOCKED SHED ROOM ON EAST COAST

ALL SYSTEMS DISPLAYED IN OPERATING GROW ROOMS!!

ORGANIC FERTILIZERS • NATURAL PEST CONTROL • PREVENTOR BUGS •

1-800-444-4378

Discount Halide & Hydroponics

FREE SHIPPING* "one stop grow shop" **FREE CATALOG**

LIGHTING SYSTEMS

Complete with ballast, covered enclosure, super bulb, reflector, wired and ready. 2 year ballast warranty and 1 year bulb warranty.

75w Metal Halide	\$ 5.00
400w Metal Halide	39.00
400w Metal Halide Horiz	49.00
600w Metal Halide	179.00
600w Metal Halide Horiz	189.00
90w High Pressure Sodium	1.00
400w High Pressure Sodium	189.00
400w High Pressure Sodium	235.00

BARE BONES KITS

includes ballast, super bulb, socket, wired and ready.

400w Metal Halide	\$115.00
600w Metal Halide	155.00
400w High Pressure Sodium	167.00
600w High Pressure Sodium	209.00

REPLACEMENT BALLAST

10v or 220v 2 year warranty	
400w Metal Halide	\$ 68.95
600w Metal Halide	78.50
400w High Pressure Sodium	105.00
600w High Pressure Sodium	129.00

BULBS 1 year guarantee

Metal Halide

M175	\$99.95
MS 400 BL	35.00
MS 400 BL Phosphor Coating	39.00
MS 400 BL Horizontal	45.00
MS 600 BL	51.00
MS 600 BL Phosphor Coat	60.00
MS 1000 Horizontal	69.00

High Pressure Sodium

C 150	\$29.95
C 400	39.95
C 1000	67.50

Conversion Bulbs Work in metal

50 Conv. Lamp	\$ 59.00
360w High Pressure Sodium	\$ 65.00
940w High Pressure Sodium	139.00

Fluorescent Tubes

24 Vite-lite	\$12.95
48 Vite-lite Powerwist	13.95
4' Fixture	19.95

MYLAR 99% Reflective

95	\$15.95
50'	95.95
60'	45.95
White plastic 20 wide	85'

LIGHT MOVERS

4' or 6 Track	\$ 89.00
6 Extension	39.95
Multiplex 2 arm	119.00
1 LS Sun Circle	139.00
2 LS Sun Circle	199.00
3 LS Sun Circle	259.00

FANS & BLOWERS

12" Wall Mount Fan	53.95
6" Wall Mount Fan	58.95
Exhaust Blower 60 cfm	39.95
Exhaust Blower 80 cfm	44.75
Exhaust Blower 140 cfm	47.95
Exhaust Blower 265 cfm	58.95
Exhaust Blower 465 cfm	79.95
Exhaust Blower 980 cfm	39.95
Cooling Thermostat for Exhaust fans	7.95

HYDROPONICS SYSTEMS

Hydro-flow 1 Complete 36 unit system	\$265.00
6 unit add-on	56.00
Hydro-flow II Complete 19 unit system	250.00
1 unit add-on	6.00
Hydroform Quantum System	\$199.95

Professional Propagation System

Ebb & Flow Tray 44x94	35.95
Propagation Dome 44x94	39.95

Fertilizer

Grow Formula A 14-2-16	
Bloom Formula B 2-15-18	
1 lb	\$ 6.99
2 lb	12.99
10 lb	49.95

pH Test Kits 8 oz pH up & down, pH Test Indicator

pH up & down 1 qt	\$ 5.95
1 gal	8.79
Digital pH Meter	21.69
Dissolved Solids Meter	50.95
Rockwool - "Formula One" Grow 7-0-5 Bloom 1-0-6	68.50
1 qt	\$ 8.95
1 gal	99.95

Micro Trace Elements

1 qt	\$ 8.50
1 gal	99.50

ROCKWOOL

Ideal for Hydroponics

1 Cubes	\$ 10
1/4 Cubes	10
9" Cubes	15
3 Cubes	35
4 Cubes	35
6 x 3 Grow Slabs	5.25
8' x 3 Grow Slabs	7.50
9' x 3 Grow Slabs	9.50
30 lb Bale	
will fit 50 x 50	24.95
46 lb Bale pH Balance	65.00

ATMOSPHERIC CONTROLS

Climate Control regulates Temp & Humidity	\$75.00
Cooling Thermostat	7.95
Humidistat	48.75
CO ₂ Systems	
CO ₂ Injection	\$ 89.00
CO ₂ Generator 7000 cu ft	269.00
Ozone	
Air Entry Ionizer	\$ 53.95
Zestron 1000 Ionizer	89.50
Zestron Collector Ionizer	99.95
Zestron 3600 Ionizer	390.00
Clean Aire Charcoal Filters	16.94
Clean Aire II Charcoal Filters	199.95
Clean Aire III Charcoal Filters	95.00

WE ALSO HAVE FERTILIZERS PROPAGATION AIDS, BOOKS TEST EQUIPMENT, GROWING CONTAINERS, INSECTICIDES, REFLECTORS & TIMERS

WE ACCEPT VISA, MASTERCARD, AMEX & C.O.D

*All orders of \$300.00 or more receive free shipping (Some products not applicable)

All merchandise has a 1 year guarantee with 30 day money back guarantee

1-800-444-4378 E. 14109 Sprague, Suite 5, Spokane, WA 99216

COD — No Problem! Canadian Orders Welcome Orders Shipped within 24 hrs.

Books-by-Phone

we have most books, best service

visa/mc - ups/cod - 10% off w/mo

INDOOR MARIJ. HORTICULTURE

best indoor high tech book HORT 16.95

BEST OF SINSEMILLA TIPS

Great info, experts, photos BSTIPS 17.95

INVISIBLE HAND: Marijuana Business

Market over \$20 billion INHAND 17.95

MARIJUANA GRWRS INSIDERS GUIDE

Excellent, up-to-date MINSIDE 19.95

UNDERGROUND DRUG LIBRARY

12 bks of drug secrets UNDRUG 29.95

CANNABIS ALCHEMY

Hash, oil, isomers, labs CANAL 12.95

PSYCHEDELIC CHEMISTRY

authoritative lab manual PCHEM 14.95

ECSTASY the MDMA Story

chemistry, use, future ECSTAS 17.95

MUSHROOM CULTIVATOR

best mushroom guide MUSHC 24.95

SECRETS OF METH MANUFACTURE

Methedrine chemistry SMETH 14.95

MARIJUANA HYDROPONICS

high tech water culture MHYDRO 14.95

THE PAPER TRIP II

Create a new identity PTRIP \$19.95

COCAINE HANDBOOK

best essential reference CHBK 24.95

MARIJ. CULTIVATORS HANDBOOK

Drake's revised classic MCULT 14.95

DELUXE MARIJ. GROWER'S GUIDE

"the Bible", 200 photos 360pp DLX 19.95

MARIJUANA BOTANY

definitive guide to mj plant MBOT 14.95

MARIJ. GROWERS Hbk by Ed Rosenthal

indoor greenhouse edition MGH 16.95

ED ROSENTHAL'S MJ GROWING TIPS

cultivation, travel, politics MTIPS 12.95

MARIJUANA QUESTION

Medical study, exhaustive MQUE 24.95

CONTROLLED SUBSTANCES ACT

Best drug reference CONSUB 34.95

PRIVACY! LOW PROFILE METHODS

Protects you, secrets, cash PRIVY 18.95

selected books and add up prices SUBTOTAL

COD (\$5.00) or visa/mc (\$2.00) call day or night

Money Order/Discount (USA only) 10%

Shipping & handling charges

USA add \$4/order. Canada and Foreign add \$5/book

California customers add sales tax 7% of subtotal

CHK or MO for Books plus free TOTAL \$

Make checks payable to Books-by-Phone (personal checks held

to clear, for best service & 10% discount send Money Order).

credit card MC Visa Exp date

card #

Name

Address

City State ZIP

I am over 21 (sign)

PRICE & AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE. DRUG REPER-
MISE BOOKS ARE FOR SALE TO ADULTS ONLY FOR INFORMATION IN ACCORD
WITH LIT ABANDONMENT. OFFER VOID WHERE PROHIBITED. NO WARRANTIES
MADE, USE NOT ADVISED. CONSULT YOUR PHYSICIAN AND ATTORNEY

BOOKS BY PHONE

BOX 522 BERKELEY CA 94701



(800) 856-2665 USA

(800) 992-2665 CA

(415) 548-2124 INFO

FREE 16 page Catalog

ASK ED

continued from page 58

EATING POT

After many years of smoking a pack of cigarettes a day, I managed to kick the habit. It has been one and a half years since the foul weed last polluted my lungs, which is wonderful, but now I find my sinuses increasingly sensitive to the sweet smoke I still like to indulge in. Bong hits in the evening guarantee a sinus headache the next morning. Smoking a doob stuffs me up right away. I've found one ceramic pipe which seems to cause me fewer problems. Even so, my sinuses give me fits when I toke.

My best friend, who quit smoking about the same time I did, says she's noticed a congested or tight feeling in her lungs that seems to be caused or is aggravated by toking.

We've talked about ingesting our favorite herb in tea or in food, but neither of us can grow safely, and for what we have to pay for the stuff, it doesn't seem cost effective to do anything but smoke it.

Do you have any suggestions on the best way to get off without respiratory difficulties? I may soon be able to start a grow room. Do I want to grow for leaf production (for cooking and tea) as well as for bud? Or do we want to use bud for teas?

I've got the various cooking info from HT but with each recipe needing 1/4-ounce or more, cooking with pot seems pretty extravagant. If we are going to simply eat it, how much would we need to get off? What about making up doses in quick dissolving gelatin capsules?

--Oregon Mama
North Bend, IN

If marijuana smoking causes any allergic reaction you definitely should not indulge. If it is the smoke which causes this, a good waterpipe or evaporator pipe (as described in the June '89 HT) may solve the problem.

As you mentioned, eating bud can be a very expensive high. Most people cannot afford to cook up Chef Ra's recipes frequently since his recipes call for bud, the most important part of the plant. Bud is prized not only for its high, but for the taste and smoothness of the smoke as compared with trim or leaf.

Leaf and trim are sometimes thrown away by growers. They also give it away, or sell it for very nominal sums. Even though these materials are not in demand, they often contain

sizeable amounts of THC. Since smoothness and smoking "taste" are not important when using marijuana for cooking, it seems fairly logical to use leaf and trim for ingestion.

THC, the active ingredient in marijuana, is oil soluble. That means that it dissolves easily in oils, fats, and alcohol, but not in cold water. Most recipes call for marijuana butter or oil rather than using the ground leaves. The leaves are soaked in oil, butter, or alcohol and the filtered infusion is used. Depending on the quality of weed and a person's tolerance usually 1/3-1/2-gram of marijuana is used for every ten pounds body weight.

A few years ago a few readers reported experimenting with eating pot in capsules. They stuffed large gelatin capsules (available in many natural food stores and homeopathic pharmacies) with finely ground high quality leaf. Each capsule held a little less than a gram of weed packed in olive oil. They reported getting very high from swallowing a few capsules. They said that most people would not try them because they were big and looked weird.

The various sifters and screens being sold today easily separate the THC containing glands from the rest of the vegetative matter. The glands can be used in cooking, drinks, or stuffed into a capsule.

Growing a marijuana garden to produce leaf may not be economical. The costs of producing it may be more than it can be purchased for.

Many people who have traveled in India have experienced a bhang lhashi. Bhang is made from leaf material which is pounded and boiled for hours in water or preferably a mixture of water and milk. Eventually most of the liquid boils away and the tiny moist particles are rolled into a ball, ready to be added to a drink. Balls were about 3/4-inch in diameter. They are considered very intense.

MARIJUANA X HOPS?

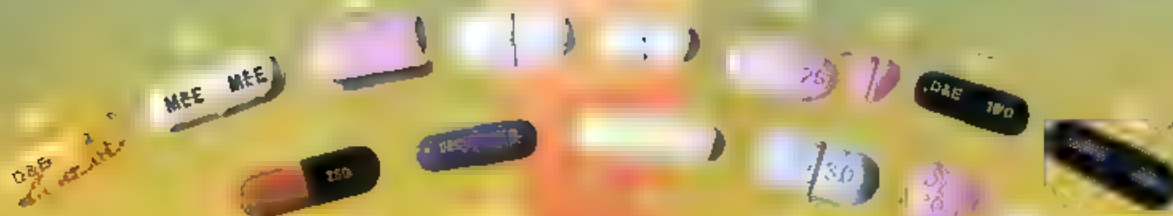
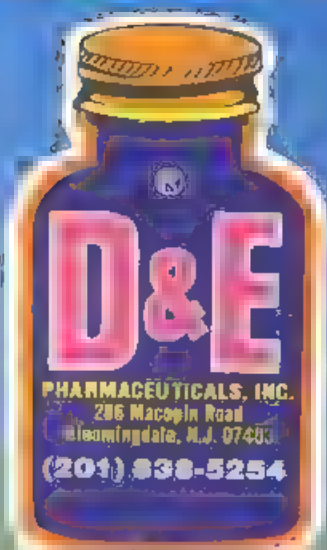
Can you cross marijuana and hops?

- Everett A

Baton Rouge, LA

No. Marijuana and hops are two different species and will not cross breed. The two species can be grafted, but the scion characteristics will not be affected. A hops scion will not produce THC.


continued on page 68



CALL TOLL FREE: 1-800-221-1833

IN NEW JERSEY CALL (201) 838-5254

3-Easy Ways to Order:

- 1. Charge It — Use Visa or MasterCard.**  
- 2. C.O.D. — We ship today and you pay on delivery.**
- 3. Send Payment in Full — Add \$3.50 for Shipping and Handling.**



N.J. Residents add 6% Sales Tax-No Personal Checks, Please!

D&E PHARMACEUTICALS, INC. 206 Macopin Road, Bloomingdale, N.J. 07403

SAVE! - Order any 10 Bottles or 100 Tablets or Capsules of stimulants for only **\$45.00**

EXTRA DISCOUNT!

10% Off 3 or more for

On-The-Go Natural Skin Care

1G4A04B9

OVER 30,000 SOLD WORLDWIDE

OPAQUE
WHEN
OFF

**CLEAR
WHEN
ON**

Jeffery Julian DeMarco

[illegible]

**WE ACCEPT VISA, MASTERCARD,
DISCOVER AND MONIEO**

Bestowed Upon The Phototron III

They Don't Just Give This
To Just Anybody For Anything!

The
United
States
of
America

The Commissioner of Patents and Trademarks

*Has received an application for a patent
for a new and useful invention. The title
and description of the invention are en-
closed. The requirements of law have
been complied with, and it has been de-
termined that a patent on the invention
shall be granted under the law.*

Therefore, this

United States Patent

*Grants to the person or persons having
title to this patent the right to exclude
others from making, using or selling the
invention throughout the United States
of America for the term of seventeen
years from the date of this patent, sub-
ject to the payment of maintenance fees
as provided by law.*



Acting Commissioner of Patents and Trademarks



Attest

STEPS TO LEGALIZATION

PART 2

by Ed Rosenthal

The marijuana laws must be changed. The old saying "God helps those who help themselves" is an apt phrase for the responsibility we all have to change them. The government is not going to change the laws without some tough work on our part so we might as well buckle down and get on with the job.

In the September '89 issue, I discussed my experiences in the California State Senate and Assembly. Four noxious bills died in committee because of the efforts of a few lobbyists including yours truly.

The hysterics are still at it. This month (May) there are several bills coming up which would partially dismantle decriminalization. Currently possession of under an ounce of marijuana in California is punishable by a maximum fine of \$100. One bill proposed in the Senate would make a second conviction punishable by a minimum of ten days in jail. Another bill in the Senate would require four months in the Youth Detention Center for kids convicted of simple possession. A third would give CAMP additional funding.

Due to our efforts last month, we received several phone calls from legislative aides who knew we were concerned about these issues and wanted to alert us. We have opened up a dialog on the drug issue with the Attorney General's office and have been in consultation with counsel and other members of the legislative committees which are pondering the bills.

My lobbying career began last month. The local NORML chapter could find no one else so they asked me to speak to committees which

were pondering repressive anti-marijuana legislation. The success of this effort leads me to believe that we can become an army of citizen-lobbyists which can eliminate these discriminatory laws.

The unholy trinity of quack "scientists," the legal system (cops, D A s, judges, lawyers, jailers, and probation officers) and DEA funded "parents groups" at last have been challenged by debate in the legislature. Their shallow arguments are easily cracked once they are given the light of day. The repercussions of the proposed legislation is so terrible that even conservatives can be swayed to compromise.

No law should be more dangerous to society than the action which it is designed to regulate. The criminalization of marijuana is just such a law. There are many perspectives from which its effects can be measured. The first that comes to mind, perhaps because of its severity, is the criminological. Here are a few arguments for legalization from that area.

1) The marijuana laws have been a complete failure. When prohibition was instituted in 1937, there were only 55,000 people estimated to be marijuana users in the United States. In 1987 there were over 360,300 arrests for marijuana.

2) The marijuana laws actually increase the crime rate. A very high percentage of arrests (49% in 1981) are of people under 21. For most it is their first arrest. These people are more likely to get into trouble again on non-marijuana as well as marijuana related crimes than users who have not been arrested. This is because of their contact with

unsavory characters in jail.

3) The total space used to jail marijuana prisoners is astounding. If they were released, jail overcrowding in some states would be eliminated. Of the 360,000 people arrested for marijuana in 1987, 140,000 or 40% do not make bail, staying in pretrial detention ranging from 1-90 days, and averaging 45 days for a total of 6,300,000 prisoner days (PDs). The other 60% spend an average of three days in jail before making bail or being released on their own recognizance, for 660,000 PDs. This accounts for about 6,960,000 PDs a year or about 19,068 people in jail at any time for suspicion of marijuana law violations. Twelve and a half percent of federal prisoners are in jail for marijuana law violations.

There are no statistics on marijuana law enforcement however we can make some estimates:

One percent are found guilty and jailed 10-90 days averaging 50 days. This comes to a total of 180,000 PDs.

One percent are found guilty and jailed for six months to one year, averaging nine months, totaling 328,500 PDs.

One percent are jailed 1-3 years, averaging 24 months, or 2,638,000 PDs.

One percent are jailed for longer than three years, averaging 36 months or 3,942,000 PDs.

The total number of prisoner jail days served for marijuana law offences is 7,078,500 or 19,393 people in jail each day. Totalled with those 19,068 people in pretrial detention, the figure comes to 16,620,000 PDs or about 38,461 prisoners in jail every day.

These are conservative statistics

Does society want the high percentage of nonviolent, noncriminal types to experience jail? Couldn't the resources spent on marijuana law enforcement be better spent fighting more serious criminal activities?

4) Approximately 65,000,000 people use marijuana occasionally or on a regular basis. This represents 28% of the total 1981 US population. For the vast majority of them, the use of a restricted substance is the only serious illegal act they commit. Criminalizing a sizeable proportion of the population is a dangerous move for society. With drug testing, a large part of the population is threatened with criminal problems for a relatively innocuous act.

5) The marijuana laws are making a sizeable minority of citizens who fear the police in the course of ordinary living. This makes it more difficult for the police to function since they do not have the confidence of a large portion of the citizenry. Were there no laws prohibiting marijuana use, these citizens would have no fear of law enforcement and would probably not have as hostile an attitude towards the police. They would be more helpful in criminal investigations.

6) Marijuana laws tie up police resources. Since police agencies function on limited budgets, careful budgeting is required to fight crime efficiently.

Enforcing the marijuana laws limits the resources that can be used to fight violent crime. In 1981, nationwide marijuana arrests totaled more than the arrests for arson, manslaughter, rape, stolen property, vandalism and sex offenses combined. Based on the number of arrests, marijuana enforcement accounts for 4.7% of total police resources nationwide.

7) The marijuana laws lower the morale of law enforcement agencies for other reasons, other than the allocation of resources. Most police probably recognize that marijuana's use is a benign attraction and that enforcement generates hostility from its generally law-abiding citizenry. Law enforcement officers know that

all the arrests do not deter the addiction from its use.

According to the Shafer Commission, "a majority of prosecutors agree that the existing marijuana laws do not deter people from initiating use, nor users from using regularly or from transferring small amounts for little or no consideration." The law enforcement officers' work involving marijuana is totally in vain, accomplishing nothing but placing people in a confrontational path with the law. At the same time, law enforcement's credibility in the community is jeopardized.

8) Because of the high risk factors in the marijuana business, commercial marijuana law victims often attempt to bribe law enforcement agents. In fact, at least 80 Georgia lawmen and public officials have been accused of serious offenses in the '80s.

Ray Vinsik, regional director of the DEA, said, "There have been so many public officials arrested and indicted in this state, it's like going back to moonshine days." Among those arrested were nine police officers, eight Coast Guard sailors, six sheriffs, six deputy sheriffs, two police chiefs, two county commissioners, two state troopers, two deputy prison wardens, a narcotics squad secretary, an agent of the Georgia Bureau of Investigation, a county prison warden, a state forest ranger and a state senator who promised protection for drug smugglers if they financed his bid for governor.

It is inevitable that police are corrupted by a profitable illicit trade without victims. Relatively low-paid law enforcement officials cannot be expected to resist inducements that sometimes equal their yearly salary.

Earlier this year I was asked to speak at the July 4 anti-marijuana law rally in Washington, DC. I decided to bring my family along, since my son is interested in Revolutionary War leaders and the seat of government.

Before the rally we spent a few days touring museums, monuments and the mall, where the Smithsonian

Museum presents an American Folklife Festival every summer. This year the Hawaiian, American Indian and French coastal cultures were featured. Song, dance, food, and work traditions were all explored.

Although we enjoyed pleasant weather on the preceding days, the 4th was marked by thunderstorms and sheets of rain. But despite the weather, the day-long anti-marijuana law July 4 rallies were a success. Unfortunately, Independence Day festivities pre-empted any in-depth coverage by the media. This has been the fatal flaw of the July 4 rallies since their inception twenty years ago.

The July 4th fireworks presented a telling commentary on the present administration. They were massive and almost an hour long, with some beautiful individual explosions, but there was no theme or style. The show looked like it had been designed by amateurs. Last summer I saw a much more modest display in a small town in the parched midwest. Towards the end of the show, fireworks placed on a giant frame were lit to create a big fish flying in the air. A hopeful paean to the gods of rain, I suppose. It was certainly more poignant than the larger show.

Before we left DC we decided to visit our Congressman, Ron Dellums. We didn't get to speak with him, but saw his aide, Charles Stephenson. Representative Dellums favors changing marijuana laws, which he sees as a waste. He is one of the few politicians courageous enough to speak forthrightly on the issue. He fairly represents his district, which is very progressive.

Mr. Stephenson did not hold out much hope for rational marijuana legislation in the foreseeable future. Instead he sees a continuation of drug hysteria. His one suggestion for NORML was that it start aligning itself with other human rights and progressive organizations, so that it is part of the wave when progressive policies become popular again.

My wife proposed that, as long as we were in the building, we go visit the office of the Select Committee on Narcotics Abuse and Control.

Representative Charles Rangel is the chairman of the committee. We saw James Alexander, one of his aides. Mr. Alexander basically agrees with former president Reagan and President Bush that we need a "no drug" policy. The prevailing sentiment on the committee is that the idea of prioritizing the fight against drugs, that is, going after the most dangerous ones first, is ridiculous to them.

The argument is that one drug leads to another. Legislation would send the wrong signal. Marijuana makes you totally spacey. When I pointed out that the use of two legal drugs, alcohol and tobacco, occurs without repressive laws, Mr. Alexander said that this was because of educational campaigns. I replied, "Exactly." When he realized what he had said, he tried to extricate himself by saying that campaigns like that couldn't work for other drugs because they were different.

Mr. Alexander claimed that the Dutch experiment was a total failure. I replied that the Dutch thought the laws were working. On the other hand, the marijuana laws in the US are not working. In 1937, when the federal law was enacted, there were estimated to be 50,000 marijuana users in the country. Now there are 50,000,000. That doesn't sound like a success story. He said that more funds were needed to fight the war. That we really haven't thrown our full resources at the problem.

If these are Representative Rangel's viewpoints, then he suffers from a Westmoreland complex. During the Vietnam War, when General Westmoreland saw that his tactics weren't working, he redoubled his efforts (sent tens of thousands more troops to the front) using the same failed strategies. Of course this approach was doomed to fail.

Before I left, I asked Alexander to relay my message to the Congressman, but he refused to do it, saying Rangel rejected any compromise in the War on Drugs. Meanwhile, in Rangel's congressional district, Harlem, a vial of crack is cheaper and more available than a joint. This street

reality alone should send the message to Rangel. Your theories are wrong. Your tactics won't work. And your policies are causing untold agony to millions of people because these policies are responsible for the crack epidemic and the jailing of recreational marijuana users.

While writing this article I received a call from Dr. Todd Mikuriya, a long-time marijuana activist. He had some harsh words regarding Congressman Rangel. "Rangel is to be held responsible for the thousands of additional cases of AIDS among his constituents. It is well known that Harlem citizens have a higher rate of IV exposure to AIDS than many other communities. He has been a staunch opponent of needle exchange, and has recently authored a bill to remove funding from any government-supported agency with such a program. His statements at the September 29, 1988 hearings (about legalization of drugs) proved that he knows little about the complexity of drug problems within his constituency. He is part of the problem, not the solution. I doubt that many New York black leaders would support his stand."

Since Mr. Alexander refuses to tell Representative Rangel what citizens from all over the United States think of his policies, he will have to hear it directly from us. His address is:

Representative Charles Rangel
Chairman, Select Committee on
Narcotic Abuse and Control
House Annex #2, Room 234
Washington, DC 20515

Mr. Alexander and his supervisor, Edward Junth should also receive copies of your letter. While you are at it, you might send a copy to your Congressman and to the other members of the committee. You might tell them how dissatisfied you are with Rangel's dogmatic, unsuccessful approach to drugs and drug policy.

The other members of the committee are:

Daniel Akaka, (D) Hawaii
Joseph Brennan, (D) Maine
Jack Brooks, (D) Texas
Cardiss Collins, (D) Illinois
Lawrence Coughlin, (R)

Pennsylvania

Robert Dornan, (R) California
Frank Guarini, (D) New Jersey
Pete Stark, (D) California
James Scheuer, (D) New York
Dante Fascell, (D) Florida
Walter Fauntroy, (D) Washington,

DC

Benjamin Gilman, (R) New York
James Grant, (R) Florida
Wally Herger, (R) California
William Hughes, (D) New Jersey
James Inhofe, (R) Oklahoma
Mel Levine, (D) California
Tom Lewis, (R) Florida
Nita Lowey, (D) New York
Kweisi Mfume, (D) Maryland
Solomon Ortiz, (D) Texas
Robert Oxley, (R) Ohio
Stan Parnis, (R) Virginia
William Paxton, (R) New York
Christopher Shays, (R)

Connecticut

F. James Sensenbrenner, Jr., (R)

Wisconsin

Lawrence Smith, (D) Florida
Ed Townes, (D) New York
James Traficant, Jr., (D) Ohio

All of these people can be reached at the Select Committee.

If you send me a copy of the letter you wrote to your federal, state or local legislator regarding marijuana prohibition I will send you, free of all charges, an End Marijuana Prohibition campaign idea kit.

Apropos of the War on Drugs, I heard a comic talking about the subject. He said, we always hear that drugs are so debilitating and then they tell us that we are losing the war. Doesn't that tell them something?

This article is the second part of a series on the reasons and ways to lobby your state legislature. For a copy of the first article, send a self-addressed stamped envelope to me at HIGH TIMES Magazine.

The article was excerpted from a larger report which I have written called "Why Marijuana Should Be Legalized." It is a long, detailed, footnoted monograph and is an excellent reference for marijuana law debates. For a copy send a check for \$25 endorsed to either THE FREEDOM FIGHTERS or to NORML. I will be happy to send you a copy. ●

WELCOME TO THE
KINGDOM OF
THE SHROOM-KING.

MY CHIEF
CULTIVATORS HAVE
LOVINGLY CRAFTED THE
SHROOM-KING PACKAGE
TO TEACH YOU THE
REMARKABLE PROCESS
OF GROWING
MUSHROOMS.

THE SHROOM-KING PACKAGE CONTAINS THE
SHROOM-KING'S GENUINE *PSILOCYBE CUBENSIS* SPORES,
FROM THE WORLD'S LARGEST SPECIES
OF *PSILOCYBES*.

PLUS.. MY BOOK
GROWING WILD
MUSHROOMS.

IN ADDITION, YOU WILL
RECEIVE THE FINEST
MALT-AGAR MEDIUM TO
CULTURE YOUR SPORES ON
AND
THE SHROOM-KING'S
OWN BLEND OF
MAGIC COMPOST.

COME TO MY
KINGDOM NOW.
THE SHROOM-KING
PACKAGE IS
AVAILABLE TO YOU
FOR ONLY
\$40.00
INCLUDING
SHIPPING

RESIDENTS OF
WASHINGTON STATE,
WHERE THE SHROOM-KING SHIPS
HIS ORDERS, PLEASE ADD
\$3.24 TAX

IF YOU HAVE A
CREDIT CARD, YOU MAY
PLACE YOUR ORDER ON
OUR 24-HOUR
ANSWERING MACHINE
AT 206-784-9328

SEND CHECK, MONEY ORDER, OR CREDIT CARD NUMBER WITH EXPIRATION DATE TO:
THE SHROOM-KING, P.O. Box 17444, SEATTLE, WA. 98107

Please send me the SHROOM-KING PACKAGE,
so I can travel to the kingdom of the Shroom King
I ENCLOSE \$40.00 (WASH STATE ONLY ADD \$3.24 TAX)

NAME: _____

ADDRESS: _____

VISA OR M.C. NUMBER: _____

EXPIRES: _____

SIGNATURE: _____

WHEN IT'S MORE THAN A HOBBY.

KYLE ROD'S
**SUPER
BUDDY**

NFT EBB & FLOOD AEROPONIC
BUDDY SYSTEMS HAVE THE ADVANTAGES OF ALL THREE!



ANY CONFIGURATION —
EXPANDABLE RESERVOIR —
38 ADULT PLANT MINIMUM
IN 8' x 7' AREA.
FULLY AUTOMATED
AND PROGRAMMED
PORTABLE.

UNLIMITED EXPANSION

THE BUDDY SYSTEM clones and grows in drinking cups, allowing perpetual harvest of individual plants anytime! No connections! A real Sea of Green!
Roots are directly fed and oxygenated in a closed chamber for 15% quicker growth, by-passing grow media problems like shifting pH and excess humidity without nightmares from internal sprays. Minimal maintenance!
SUPER BUDDY 98 \$995. 300 Cup under \$1,800. 1000 Cup under \$4,800!



GOOD BUDDY XL-15
47" x 34" x 16" high.
15 Gallon Reservoir.
\$239.



GOOD BUDDY XL-32
Automated. Oversize reservoir with large buffer. All supplies. Multi configuration. Commercial grade 170 GPH pump.
60" x 42" x 21" high.
19 Gallon Reservoir.
\$345.

GOOD BUDDY XL-20
47" x 42" x 18" high.
15 Gallon Reservoir.
\$279.

PRO'S CHOICE
SINCE 1987
H.I. ARTICLE

BEYOND A
THERMOSTAT / HUMIDISTAT

ULTRASTAT™

**PROGRAMMED LOGIC CONTROL,
CORRELATION AND MONITORING**

UltraStat advance circuitry precisely balances CO₂ enrichment and ventilation in response to temperature, humidity and lights, creating the optimum, cost-efficient grow environment.

CO₂ release is co-ordinated to lights and ventilation, while 24 hour ventilation is correlated to temperature and humidity. UltraStats are the lowest priced, professional environmental controller capable of all that. No wiring. Any wattage lights.

UltraStat 1999 Zoom into rapid growth for only \$245.
UltraStat 1900 without humidity control \$449.

Yes, We have **PRIME** ammonia-free, power flower nutrient!

Don't sacrifice yield and quality for a quickie, ammoniacal "junk food" cosmetic fix!

High 5-18-12 and elevated trace lasts way longer than weaker liquids and provides a safety buffer. Break-Thru One Part Formula!

Staggering results guaranteed or your money back on the unused portion.
Makes 100 gallons. Only \$45.

RAPID ROOT CONCENTRATE—More than 153 times the strength of Hormex!
More powerful than Hormex #8 powder. Lifetime 4 Oz. liquid. Only \$29.95

COMPLETE SELECTION OF STATE OF THE ART GROW ROOM EQUIPMENT, BUDDY COMPONENTS, LIGHTS AND SUPPLIES — CALL YOUR SPECIAL FRIENDS AT HIGHER YIELD FOR ALL YOUR GROWING NEEDS!

HIGHER YIELD

EXCLUSIVE MAIL ORDER CENTER
800-451-1952 • CA. 213-394-8777

HIGHER YIELD 712 Wilshire Blvd., Suite 12
Santa Monica, CA 90401

Free catalog. Prices plus shipping. Store prices may vary.

MC/VISA/COD

LOS ANGELES SHOWROOM • 4527 San Fernando Road, Glendale, CA • 818-243-0068

Ask for your **FREE** booklet - "Guide to Hydroponic Systems".

Ask Ed

continued from page 60

POLITICS AND CLONES

I read a recent issue of HIGH TIMES that listed laws for the 50 states. I noticed that Rhode Island is still in the Middle Ages. A kilogram (2.2 lbs) is a mandatory ten year sentence. That means that anyone 18-90 years old who grows a few good plants could go away for ten years. I'm glad to see that Rhode Island has its priorities straight. Murderers, killers, coke dealers and rapists need only wait in an overcrowded jail for release until a mellow, working pot-head gets caught with a mature Hawaiian in his backyard.

In most parts of the country, jails are at capacity. Each additional head means early release for a hardcore criminal. Rhode Island cops who think that's funny, should think again. I live in a state that's mellow towards weed (jail is rare). My policy is to run from the cops if possible, but not to offer resistance. If I lived in Rhode Island, I'd carry a gun and possibly fight it out.

Now for my tip about cloning. A friend of mine who worked in a nursery taught me this method. I use Metro-Mix 350 (which I buy at a nursery), nine ounce plastic cups, Rootone, Upstart B-1.

Drill holes through the bottoms of all the cups.

Fill the nine-ounce cups with the mix.

Mix three tablespoons Upstart B-1 per gallon of lukewarm water. Stir, don't shake.

Water the cups until thoroughly soaked.

Poke a hole in the mix to the bottom of the cup using a 3/8-inch dowel or capped magic marker.

Cut the clones from the plants with sharp scissors. Dull ones will crush the stems.

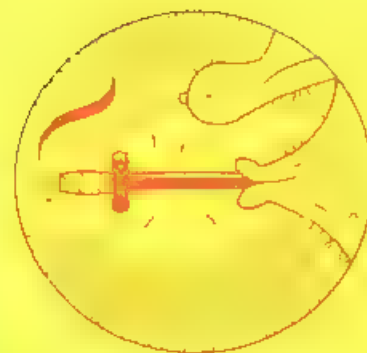
Put the clones in water immediately and cut the stem again 1/4-1/2 inch above the first cut. This should be done under water so there's no chance of air bubbles at the stem end. **[An air bubble does not allow water to reach the end of the stem—Ed.]** Cut the leaves off too. When the trimming is complete there should be only one small leaf set at the top.

Lift the clone out of the water, dip in Rootone (which I think is the best rooting hormone mix), and tap off excess powder.

Immediately place the clone in the hole in the center of the mix and

continued on page 70

PRODUCTS



HEAVY AIR...

The new adjustable **Heavy Aire CO₂ Generator** is now available to enrich your plants. Our system is capable of providing CO₂ enriched air for rooms up to 7,200 cubic feet. The system comes complete with hose and regulator, CO₂ test kit, *Practical CO₂ Enrichment* book, and instruction guide. The complete system is \$269.00. Write to **Heavy Aire Products, Inc.**, 14109 E. Sprague #5, Spokane, WA 99216 or call 1-800-444-4378.

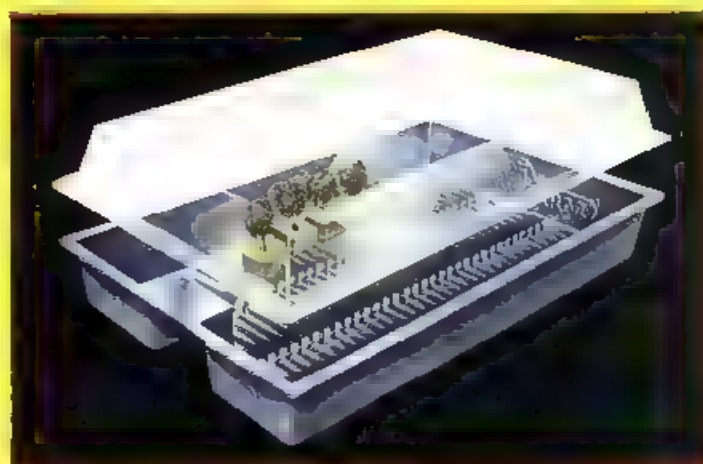


BRIGHT STAR REFLECTOR

Introducing **Bright Star**, the most advanced horizontal reflector design in the industry. Its double parabolic design angles all four sides to reflect light down to the plants. Compact at only 8" in height, versatile in its accommodation of various wattage and bulb sizes, and lightweight at only three lbs., **Bright Star** is guaranteed to be the best horizontal reflector on the market today. To order or for more information, call **Energy Savers Unlimited** at 1-800-538-3400 (in California), 1-800-421-2994 (outside California), or place your order by mail: **Energy Savers Unlimited, Inc.**, 22138 S. Vermont Unit C, Torrance, CA 90502.

MAXIMUM GROWTH!

For a limited time only **Urban Tek Growers Supply** is offering the all new **Ebb & Flow Tray** (42"L x 26"W x 6"D) and **Super Dome** as a set! The **Super Dome** transforms this unit into a Super Greenhouse measuring 14" tall. The tray's multi-ridged pattern and heavy plastic make it unique and durable. The set can be purchased for only \$89.95 plus shipping, and is available as a complete, ready-to-use system, including 25 gal. reservoir, pump, rockwool, nutrients and instructions. **Urban Tek** is beginning its third year of operation and is still growing. To place an order call 1-800-356-3771. For catalog or information call 1-405-843-1888 or stop by and visit our showroom at 2911 W. Wilshire, Oklahoma City, OK 73116. Retail hours Mon-Fri 9AM-6PM Sat 9AM-3PM.



SIFTERPLUS+

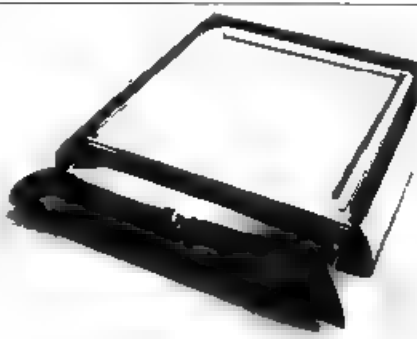
- Stainless steel screen sifts out pollen (trichomes)
- Saves incredible amounts of resin usually lost in handling
- Easy to use and very efficient
- Black lacquer box, framed screen and glass catch tray—an ideal gift

Introductory offer \$39.95

Plus \$4.00 shipping and handling.

For automatic electronic siftings, the one and only "Motorized Master Sifter"—turn trash into cash. Standard Model \$189.95 Deluxe Model \$199.95

Designed by Ed Rosenthal



Send Check or Money order to C.J. Enterprises, P.O. Box 4084 Rockford, Ill. 61110. Charge by phone Visa/MC (800) 356-0296; Ill.Cust: (815) 962-4220

WHOLESALE GROW LIGHTS

All systems completely wired with 44" reflector. Highest quality lowest noise ballast with 2 year guarantee. All Halide systems come with MS Super Lamps. No misleading ads. No catches. Just the most complete, highest quality systems available anywhere for a price second to none.

COMPLETE SYSTEMS

1000W Halide System	\$175.00
400W Halide System	\$130.00
1000W High Pressure Sodium System	\$225.00
400W High Pressure Sodium System	\$185.00
The Original World Famous Maximzer CO ₂ System	\$189.00

REPLACEMENT LAMPS

MS 1000W Halide	\$55.00
400W Halide	\$35.00
1000W High Pressure Sodium	\$65.00
400W High Pressure Sodium	\$45.00
Iwasaki Conversion Lamp 940W	\$130.00
Iwasaki Conversion Lamp 360W	\$60.00

For over eight years we've carried everything for the serious indoor grower: tracks, sunrises, hydroponics, ion generators, charcoal fans, scales, etc. Please write or call toll free for our catalogue.



CALL TOLL FREE 1-800-544-7956

Emerald City Halide North • 8016 15th Avenue NE • Seattle, WA 98115

Orders Shipped Anywhere



PROTECT YOUR LIFE, YOUR HOME AND YOUR GARDEN WITH THE POWERBOX

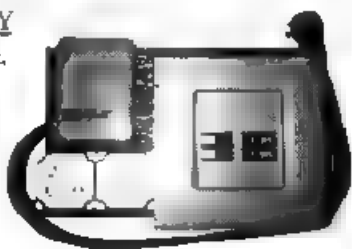
SOLVE THOSE ELECTRICAL WIRING PROBLEMS

THE EASY, CONVENIENT & SAFE WAY

- Just plug into 4 prong, 30 amp dryer outlet.
- Heavy duty time clock controlling complete system.
- 8 outlets, protected on 15 amp breakers.
- All parts UL Approved.

Send \$225.00, Check/M.O./Visa/MC to PMI Electric - 33 Lower South Street Danbury, CT 06810 or call (203) 796-6245

All parts guaranteed. Immediate UPS delivery. U.S. orders only. Dealers Inquiries Welcomed.



ASK-ED

continued from page 68

gently squeeze the soil so that it is packed against the clone stem.

Keep the cuttings under fluorescent tubes, keep the temperature at 70 degrees, water daily with the Upstart water mix. Mist a few times a day with tap water.

In 5-7 days discontinue the Upstart and use plain water. Add a dilute solution of high nitrogen fertilizer once the clones have noticeable roots.

The entire process should take no more than two weeks. We have extremely high success rates, 80-98%.

--Yoda Bucket

Boston, MA

Thanks for the tips, Yoda.

As far as the police are concerned, they are just interested in numbers, arrests, convictions, jail time. They see the marijuana laws as a means of obtaining additional funding.

I would use a more balanced fertilizer because the roots require more phosphorous and potassium than the tops. Since root growth as well as top growth should be encouraged at this point, a balanced mix will serve the purpose better.

HIDDEN EXPENSE

I don't have the money to buy a good MH or HPS light, but I make do with two 100 watt incandescent bulbs. The growing process is slow but with good results. Have you any tips for us poor boys?

--Brad

Truth or Consequences, NM
Incandescent lights are the most expensive source of light to use. They do not cost much to buy, but they are the most inefficient converter of electricity to light. A fluorescent lamp is about three times as efficient and a high pressure sodium lamp up to six times.

If you do not have the money for an HPS at least convert to fluorescents. The perimeter of the garden should be lined with reflective material.

Mel Franks' NEW! Marijuana Grower's Insider's Guide

Mel Franks, author of the classic bible *Marijuana Grower's Guide Deluxe* has resurfaced with an amazing new book. It's won raves from the experts. Every aspect of cultivation is covered, and new secrets are revealed in straight-talking, easy-to-understand steps. 380 pages, 200 photos, THC graphs, drawings, charts, index. Just published in December 1988!



YOU TOO WILL BECOME A MASTER GROWER

Greenhouses • Halides • HPS • Backyards • Mini-gardens to commercial production • Soil and Hydroponics • Increase potency • Triple yield • Eliminate Rot and Mites

Marijuana Grower's Insider's Guide	\$19.95
Marijuana Grower's Guide-Deluxe	\$19.95
Regular postage and handling	add per order \$3.00
Rush order/priority mail	add additional per order \$3.00
California residents only	tax per book \$1.50
	Total enclosed

MARIJUANA Grower's Guide



Marijuana Grower's Guide Deluxe

330 pages, 150 B&W photos, 50 color photos, index, bibliography. Send order with check or money order payable to: Red Eye Press P.O. Box 86351 Los Angeles, CA 90086

WHAT WENT WRONG?

A friend of mine gave me ten seeds from what he said was the best stuff he ever smoked. I ran home and

started germinating them. Only six came up, and I planted them in Hyponex planting mix. Only one came up and it turned into a male. The soil seems to dry up and turn hard after watering.

If I took cuttings from this plant would they also become males? What went wrong?

--Still Awaiting the Killer Crop
Milledgeville, IL

Hyponex soil received one of the lowest ratings when it was tested by the California Dept. of Agriculture (See page 37 in The Best of HIGH TIMES, Volume 7). It should not be used. It is best to germinate the seeds directly in the planting mix in which they are going to grow.

Clones from the male plant will also be male.

CHEAP REFLECTIONS

I have a closet 60" x 30" x 24" with two two-tube fluorescent fixtures mounted vertically. What is the best reflective material for the inside at a moderate price?

M
Farmington, NH

Some greenhouse supply companies sell highly reflective greenhouse silver paint. The cheapest highly reflective material is aluminum foil. The shiny side reflects the light in "hot spots," the dull side disperses the light more evenly. Aluminum foil does best in areas where it will not be moved, since it tears easily with movement. Silvered gift wrap is also inexpensive and usually comes in 50-foot rolls. Astrolon, mylar and other special reflective materials are much more expensive.

GROWS MORE THAN HE CAN USE

I grow only for my own personal consumption. I grow more than I can smoke. How long does marijuana retain its potency after harvest? What is the best way to store it?

--M H.
Milford, CT

Marijuana can be stored for years in the freezer. First package it in an air-tight plastic such as a Seal-A-Meal. Place this container in an air-tight rigid container such as glass or metal and place in the freezer. The THC will not degrade substantially for years.

HAWAIIAN DELIGHTS

Regular or Baby Hawaiian Woodrose Seeds:

A Sample Pack for \$20 or One Ounce for \$75

Easy Growing Betel Nut Seeds:

A Sample Pack for \$10 or 100 Seeds for \$80

Sensitive Plant Seeds:

A Sample Pack for \$20 or One Ounce for \$650

Imported Poppy Seeds:

1000 Seeds for \$10 or Four Ounces for \$60

Kava Kava (Raw Root):

One Ounce for \$20 or Four Ounces for \$75

Kava Kava (Capsules):

A Sample of 10 for \$20, 100 for \$150,
or 1000 for \$450

CALL OR WRITE

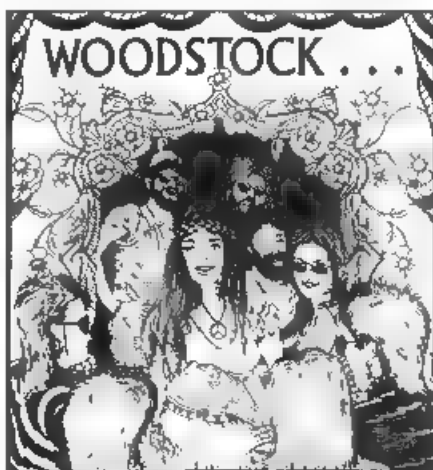
ISLAND SPORE CO.

1-800-4-HOW'S-IT

1-800-446-9748
24 HOUR ANSWERING

P.O. BOX 8055

Honolulu, Hawaii 96830



A Reflection In Time

Send \$10.00 plus \$3.00
shipping and handling to:

GADECO INC.
P.O. Box 4094
Clifton, N.J. 07012
(201) 472-8441

We Ship U.P.S. Include
Daytime Phone Number

N.J. residents add 6% sales tax.

ACTUAL SIZE 26" x 33"

Limited quantities of signed posters
available for non-dealer orders.

CLASSIFIEDS

DO YOU HAVE A
NEW OR UNUSUAL
PRODUCT?

STARTING A NEW
BUSINESS?

WANT THE WORD
TO GET OUT?

OR HOW ABOUT A
PERSONAL AD TO
MEET NEW PEOPLE

OR TO SHARE
GROWING TIPS?

CLASSIFIEDS
GET RESULTS!
CALL

212 972-8484
EXT. 23

ASK-ED

GARDENS OF THE MONTH

Several of the Garden of the Month photos depicted really interesting, successful gardens, so I decided to award the prize jointly.

Garden #1

I started growing indoors because of cop choppers, thieves, and nosey neighbors

I use normal potting soil, peat moss and vermiculite as a medium. I use Miracle-Gro as a fertilizer

Since I've done this I've ended up with some really good smoke. Here's a picture of some of the plants. They are so smelly you could hardly take a whiff off the bag without gagging. It smokes really smooth and gets you high as a kite

--D.

Richford, NY

Garden #2

These photos were taken right before harvest. They were under a 12-hour photoperiod for 50 days. I use Peters 20-20-20, Sunshine soilless mixes, CO₂, constant circulation and ventilation which maintains a 68-75° daytime temperature and 50° at night if possible. The garden yielded 18 ounces of prime exotic bud. The smoke is very smooth, slight hash taste with a powerful, happy high

This is a secret bedroom apartment garden never seen by anyone but myself.

--Green Grower

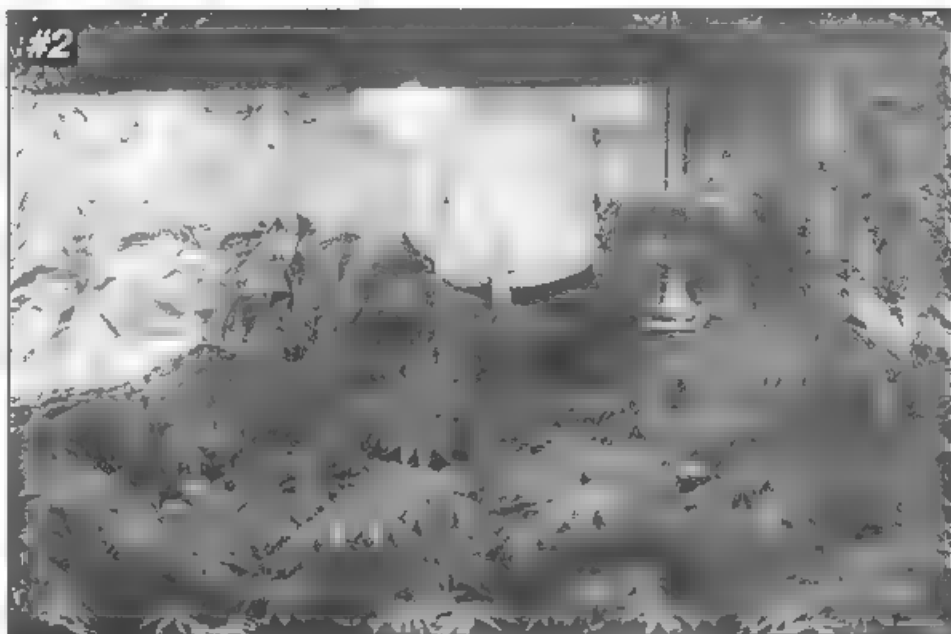
Chicago, IL

Garden #3

This bushy eight-month-old mother has given life to over 200 air layered clones

--The Pine Clones

Portland, OR



continued on page 86

ORDER HIGH TIMES PRODUCTS NOW!



HTFF High Times Flippy Flyer



CALL TOLL FREE FOR ORDERS ONLY

800-435-0715

In Ill. 800-892-0753



☐ Payment enclosed
☐ MasterCard ☐ Visa

Card# _____

Expiration date _____

Signature _____

PRODUCT	CODE	Quantity	Price	Cost
High Times Tote Bag	TB	_____	x \$7.95=	_____
High Times T-shirt	HTC	_____	x \$7.95=	_____
High Times Flippy Flyer	HTFF	_____	x \$3.95=	_____
			Subtotal	_____

HIGH TIMES
PRODUCTS
P.O. BOX 410
MT. MORRIS, IL 61054

Postage & Handling \$1.95

Total \$_____

Please allow 6-8 weeks for
processing and delivery.

sizes: ☐ S ☐ M ☐ L ☐ XL

Name _____ HP68

Address _____

City _____ State _____ Zip _____

TAKE THE BEST **LIVING SYSTEM** FORGET THE REST

Living System is more than just a growing apparatus. It is a scientifically proven approach to horticulture so fool-proof even first time users will achieve guaranteed minimum yields. But most important is that many customers nationwide over the last six years continue to enjoy the benefits of lush indoor gardens all year round. They report greater yields and higher quality in less time. Bottom line is quicker return on time and investment. See why more and more indoor growers are taking their needs to Light Mfg. Co.

Suncircles

- 1 Light System 8 x 8 room 139.95
- 2 Light System 10 x 10 room 189.95
- 3 Light System 12 x 12 room 249.95

Lighting

- 1000w Metal Halide w parabolic reflector 189.95
- 1000w HPS w parabolic reflector 259.95
- 400w Metal Halide w 2 cone reflector 149.95
- 175w Halide or 150w HPS mini-horizontal light 109.95

Living Systems

- Basic System includes Heart, six (6) cells and Nutrient Supply Center 161.00
- Expandable to 72 cells, with 6, 12 and 18 cell kits
- Six (6) cell access kit includes—pump, timer, nutrients, pH up, pH down, pH adjustment dispenser, bloom builder, rockwool, and pH test kit 117.60
- Basic System and Access Kit 264.49
- Twelve (12) cell system with accessory kit 342.30
- Thirty-six (36) cell system with accessory kit 659.90
- Sixty (60) cell system with accessory kit 999.95

All Systems and access kits are discounted 5% when purchased together

CLOSET SYSTEM

- Six (6) cell Closet System expands to Living System with Heart and Nutrient Supply Center. Includes pump, timer, nutrients, pH down, rockwool, 6 Living System cells. 149.90
- Ten (10) cell Closet Nursery. Includes 10 Living System growth modules, pump, timer, nutrients, pH down, rockwool, test kit, reservoir tray 169.90
- Closet system with mini-horizontal 274.90

CREATE YOUR OWN CUSTOM SYSTEM

- All Living System components, accessories and parts may be purchased separately for those who wish to create their own custom or experimental growing system.

FREE PHONE CONSULTATION

- Feel free to call us at (503) 231-1582 with your indoor growing questions. One of our experienced consultants will gladly assist you. Visit our showroom today for a demonstration of our continuous production system and a look at our line of horticultural products.

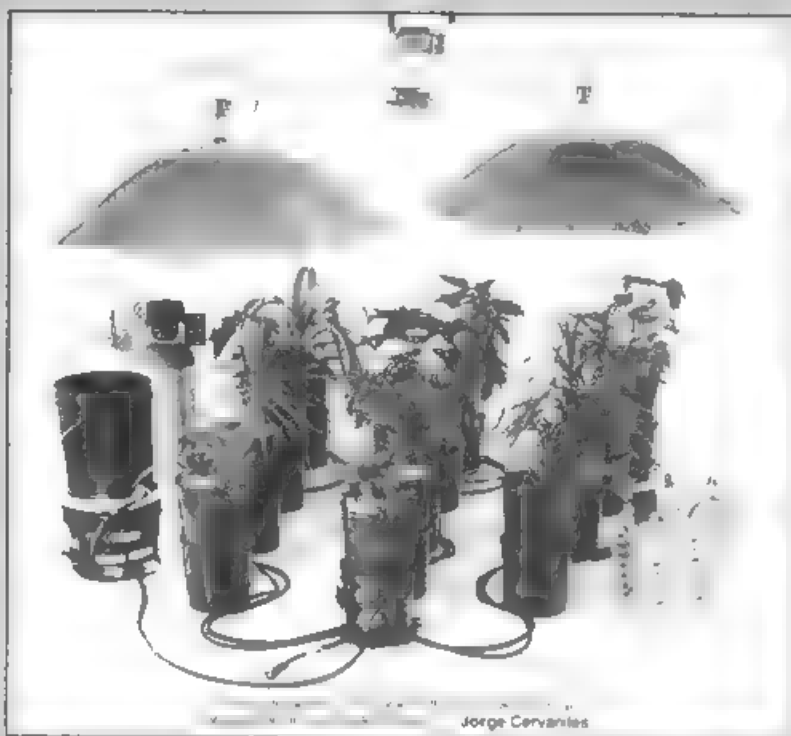
SAME DAY SHIPPING SERVICE

MasterCard
VISA AmExp



FREE
CATALOG

DEALER INQUIRIES WELCOME



CELL

- Individual and interchangeable growth modules, shut-off clamp with easy disconnect. \$11.00

HEART

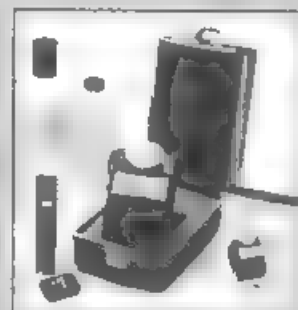
- Adjustable nutrient flow, automatic flush and drain, total nutrient recirculation. \$55.00

NUTRIENT SUPPLY CENTER

- Five gallon mixing reservoir, nutrient level regulation, reservoir expansion port. \$50.00

CO₂ INJECTION SYSTEM

- Complete with timer and instructions. 149.90



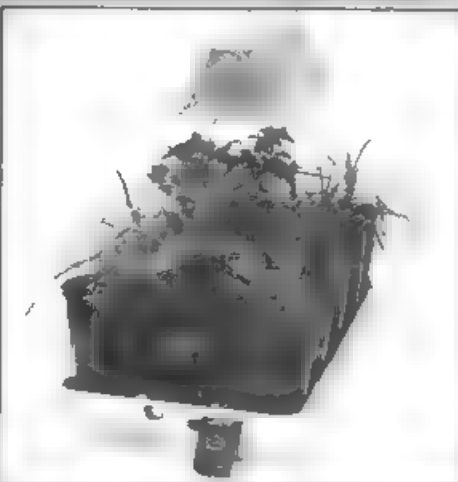
GUESSWORK

Follow our recommendations with precision by using our Professional Parts Per Million (PPM) Meter with padded case and standard solution to monitor nutrient concentration for only \$179.00

And our electronic pH Pen with standard solution to check system pH for only \$54.90

Free estimates given on complete systems including Lights, timers, fans, CO₂ nutrients, pH adjustment, reflectors, mylar, and rockwool

**30 DAY MONEY
BACK GUARANTEE**



CALL NOW TOLL FREE AT 1-800-NOW-LITE
Light Manufacturing Company 1634 S.E. Brooklyn, Portland, OR 97202

LETTERS

continued from page 14

THANKS, ZEE

Thanks to Dr. Zee and his article on polymers in the December '88 issue, I've cut my watering trips from twice a week to one every other week. Dr. Zee plus HIGH TIMES equals less work and better plants.

--Two Toke
Portland, OR

Turn to page 53 for more tips from the Doctor.

SAFE DRUGS NOW!

I have a friend who is an alcoholic. His doctor, a prominent local physician, expressed concern and told him "Ethanol is an addictive poison. It is one of the most dangerous substances known. You have got to stop drinking or it is going to kill you. Look, why don't you smoke marijuana? Marijuana is non-addictive. In fact, it is the most completely harmless recreational substance known to medical science. The only danger in marijuana is getting arrested. Be discreet, and for god's sake lay off the liquor."

I thought you'd like to know what the MDs are telling their patients in private.

--Slim
Columbia, SC

GO HOUND, GO!

As a recent subscriber, I want to thank you for the great magazine. I really enjoy James Marshall every month, as well as the Tale of Two Gardens series. But what happened to Dr. Indoors?

- Indica/Sativa Grower
Albert Lea, MN

Due to personal problems, Dr. Indoors has taken a leave of absence from the magazine. We hope to see him back soon.

PREVENT STEM ROT

Toothpicks might be good for teeth, but stick one in rockwool, add nutrient solution and what you get is a soggy toothpick that promotes stem rot! I found the answer: I went to a toy store and bought "Pick-up Sticks." They are perfect: long, thin, sturdy, and, most important, inert. They give great support for those troubled seedlings.

--Capt. Clever
Happy Valley, UT

continued on page 84

JORGE CERVANTES

TESTED AND APPROVED

INDOOR GARDENING

- SYSTEMS
- COMPONENTS
- ACCESSORIES

- SPECIALIZING IN
- GROW LIGHTS
- DUTCH EBB & FLOW

- QUALITY PRODUCTS
- LOW PRICES
- FAST SERVICE

THE LIGHT HOUSE
8331 SE 17TH AVE
PORTLAND, OR 97202

CALL NOW FOR

FREE CATALOG 1-800-327-8805

VISA • MASTERCARD

THE NEW REVISED EDITION OF

DR. INDOORS

★ GUIDE TO CANNABIS ★

FEATURING THE BUDIMALS

ONLY \$25.00 plus postage... \$5.00 first class or \$1.00 book rate...

To fight depression... \$5.00 from each sale will go to NORML.

WOW... BUDIMAL BOOKS...

EACH BOOK IS SIGNED BY BUDIM

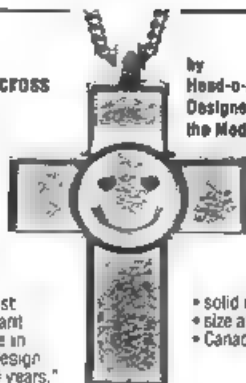
FIRST WE'RE IN SINSEMILLA TIPS - NOW HIGH TIMES - OUTRAGEOUS!

GET A BUDIMAL CARDON SIGNED BY BUDIM WITH EACH BOOK.

SEND TO: BRAM • DR. INDOORS
PO. BOX 20
BRATTLEBORO, VERMONT
05301

* OVERSEAS: BOOK IS 16oz. POSTAGE TO HOLLAND BY AIR \$6.00 BY SEA \$2.00

the
better cross



by
Head-o-ponics
Designer Icons for
the Modern Mind
TM

"The most
significant
advance in
cross design
in 2000 years."

- solid metal
- size as shown
- Canada import

HAPPYCROSS™

DESIGNER PENDANT

Complete with 24 in. matching chain

Personal check/money order to HEAD-O-PONICS INC.

19 gram STERLING SILVER
Pendant & Chain

BASIC METAL
Pendant & Chain

\$44.95 ea.

\$24.95 ea.

\$5.00 handling, shipping

\$5.00 handling, shipping

\$49.95 total ea.

\$29.95 total ea.

Name _____

Address _____

City _____ State _____ Zip _____

State model & no. of HAPPYCROSSES ordered

Mail to: HEAD-O-PONICS INC.

Offer good U.S.A. only/3 - 6 weeks for delivery

DETECT PLANT SEX



Don't Waste Growing Space
Get Rid of Male Plants.

GROW ONLY FEMALE PLANTS

Each Female Plant Detection Kit Contains
Everything You Need to Detect the Sex of Ten Plants

WORKS ON
ALL PLANTS

- Just Starting or Full-Grown
- Outdoors or Indoors
- All Seasons

100% EFFECTIVE

SATISFACTION GUARANTEED
YOUR MONEY BACK

RUSH ME

☐ 1 KIT \$7.95

☐ 2 KITS \$13.95

☐ 4 KITS \$19.95

☐ 8 KITS \$34.95

☐ 20 KITS \$79.95

☐ 100 KITS \$345.00

NAME _____

ADDRESS _____

Dieter Botanical Research and Study Group
P.O. Box 7665, Stanford, CA 94305

NOW AVAILABLE IN EUROPE, TOO.

Ask for one at your local shop.

NEVER TAKE
A DRUG
YOU DON'T
REALLY
UNDERSTAND

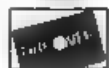
Consider the
powerful effects
of drugs. Why
use your body as
a testing ground
for substances
you may know
nothing about? It
makes no
difference if a
drug is legal or
illegal, for
medicinal use or
for recreation
—you owe it to
yourself to learn
everything you
can before taking
it. The facts
could save
your life.

(A public service message from
the editors of High Times magazine)

We
Beat
Any Price
FASTEST
SERVICE

FREE
CATALOG
800
237-3759
412-471-7455

Call for COD or Credit Card
Orders or Send Credit Card
Number/Exp. Date or Send
Money Order With Name,
Address and Phone.
Add \$3.00 Shipping.



QUICK LOSS

800-237-3759

367

		Price per bottle			
		100ct	1,000ct	5,000ct	12,000ct
DECONGESTANTS					
Mini White Cross (thick or thin)	25mg	3.00	10.00	8.00	5.00
Mini Pink Heart (without G)	25mg	4.00	10.00	8.00	6.00
Mini Pink Heart (with G)	25mg	—	15.00	12.00	10.00
Purple or Yellow Tablet	25mg	4.00	15.00	10.00	8.50
Small Black or Yellow Capsule	25mg	5.00	20.00	18.00	15.00
ENERGIZERS Tablets					
White w/Green Blue or Red Specks	150mg	4.00	14.00	12.00	10.00
Large Pink Hearts	200mg	4.00	16.00	13.00	11.00
White 20/20	175mg	4.00	16.00	15.00	12.00
Blue 30/30	175mg	4.00	18.00	18.00	12.00
Magnum Pink and White	200mg	4.00	20.00	18.00	14.00
Large Capsules					
Blue/Clear	200mg	5.00	25.00	22.00	18.00
Green/Clear	200mg	5.00	25.00	22.00	18.00
White or Black Mole	200mg	5.00	20.00	18.00	16.00
Small Capsules					
Yellow or Black	200mg	5.00	20.00	18.00	16.00
SLEEP AIDS					
Orange Tablet (50mg Diphenhydramine)	100ct	5.00	25.00	15.00	25.00
DIET AIDS					
Quick Loss, Strongest Available w/o a Prescription	PPH-BCL	100ct	25.00	50.00	1,000ct
Yellow Film Coated Caffeine Free					
Time-Release Caplet	75mg	5.00	10.00	16.00	25.00
Red and Clear Capsule	75mg	5.00	10.00	15.00	25.00
Fiber Diet Aid: Fruit & Bran Fiber	5.00	10.00	18.00	25.00	
Grapefruit Tablet (25mg PPA, 20mg Vit C, 101 U Vit E, 100mg Grapefruit Extract)	5.00	—	18.00	28.00	
COLD CAPSULES					
70mg Caffeine, 25mg Ephedrine Sulfate, 2mg Chlorpheniramine Maleate 50mg Phenylpropanolamine HCL	100	250	600	1,000	
NEW ITEM					
Starol Pilo.	10.00	20.00	35.00	50.00	
Starol Complex.					

Starol Pilo.

Bottle of 88: \$12.95

100: \$22.95

QUANTITY DISCOUNTS AVAILABLE

Starol Complex.

Bottle of 88: \$17.95

Body Building Catalog Available

NATIONWIDE PURVEYORS, INC.

P.O. Box 8482, Department H, Pgh., PA 15220

No Sales in Mexico

Use Only as Directed

Offer Subject to Change Without Notice

Join the Freedom Fighters and earn a chance at becoming a judge at the 1990 Cannabis Cup Awards in Holland.

Next year, the most decorated member of the Freedom Fighters will join Ed Hassle and HIGH TIMES at the world's greatest marijuana harvest festival. However, to become eligible for this great honor, you must join the Freedom Fighters. All money raised by this group goes to support cannabis protests across the country.

Your \$15 annual membership dues entitle you to a year's subscription to the Freedom Fighter Newsletter as well as invitations to special HIGH TIMES parties, protests and other events.

Send your \$15 check or money order payable to the Trans-High Corp. to: Ed Hassle
Freedom Fighters, 211 East 43rd St., NYC 10017.

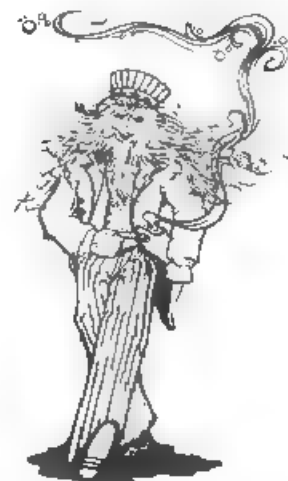
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

NOTE: THIS NEWSLETTER WILL BE MAILED IN A PLAIN UNMARKED ENVELOPE WITH NO RETURN ADDRESS. THE MAILING LIST WILL BE KEPT COMPLETELY CONFIDENTIAL.

UNCLE SAM WANTS YOU!

TO JOIN NORML AND WORK FOR LIBERTY AND JUSTICE FOR ALL!

NORML is the National Organization for the Reform of Marijuana Laws.
NORML works to educate the public about marijuana. NORML needs your
help. Send your membership dues or tax-deductible donations to
NORML, Suite 640, 2001 'S' Street NW, Washington, DC 20009.
LEGAL REFERRALS AVAILABLE: CALL (202) 483-5500.



OKAY, SAM! SIGN ME UP AS A MEMBER OF NORML! I WANT
TO JOIN THE FIGHT TO END MARIJUANA PROHIBITION!

ANNUAL MEMBERSHIPS:

- ☐ \$100 CONTRIBUTING MEMBERSHIP
- ☐ \$50 SUPPORTING MEMBERSHIP
- ☐ \$35 FAMILY MEMBERSHIP
- ☐ \$25 REGULAR MEMBERSHIP
- ☐ \$15 STUDENT/LOW INCOME/MILITARY

PLEASE ACCEPT MY TAX-DEDUCTIBLE DONATION IN THE
AMOUNT OF: \$ _____

SEND TO: THE NATIONAL ORGANIZATION FOR THE REFORM OF MARIJUANA LAWS
NORML, SUITE 640, 2001 'S' STREET NW, WASHINGTON DC 20009 Phone (202) 483-5500

MASTERCARD/VISA/AMERICAN EXPRESS ACCEPTED

☐ MASTERCARD ☐ VISA ☐ AMERICAN EXPRESS

CARD # _____

EXPIRATION DATE _____

SIGNATURE _____

SEND MY MEMBERSHIP MATERIALS TO:

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

TELEPHONE _____

CLASSIFIEDS

GROWING AIDS

THE SOUTHEAST'S FIRST Indoor garden center, Hy-Dro-Gro Mini Farms, Inc., is owned and operated by two holders of Master Gardener Degrees, with 20 years experience in home hydroponics. We carry a full line of nationally advertised indoor growing supplies. For the location nearest you call toll free 1-800-648-0814. Franchises available.

HAWAIIAN DELIGHTS See Our New Ad On Page 71 Island Spore Co.

NEW ILLUMINATING LIGHTS Growlights. Floor units. Custom systems. Discount Books-Supplies. TEJAS (214) 581-7665. (5-9pm).

SPIDER MITE PREDATORS—#44/1000, Whitefly Parasites—\$30. 1000 Ladybugs—\$6.50. 1000. Post-paid, fast delivery. CODs, credit cards. Free brochure. Nature's Control, PO Box 35, Medford, OR 97501 (503) 899-8318. Also available at your local grow store.

EXOTIC MUSHROOM Spores and Books. Catalog \$2 FS, PO Box 417457, Sacramento, CA 95841-7457

CONVERSION BULBS. 360 W-457.00. 960 W-\$123.00. Tejas (5pm-9pm) 1-800-878-3944.

NEW STORE Kalamazoo Indoor Garden Center 450 West Maple, Kalamazoo, Michigan 49001. 1-616-344-2550.

MERCHANDISE

MEN! ATTRACT WOMEN, scentisational women! Scientifically verified sexual pheromone attractant scentiously lures women to you! Have the REAL chemical, biological advantage European import, 80 gram aerosol spray fragrance enhancer. Complete instructions and documented report also enclosed. **GUARANTEED** Period Rush \$27.95 plus \$2 shipping to XYZ Products, PO Box 867461 H, Plano, TX 75086

FREE PRICE LIST or \$2.50 brings men's nylon catalog. Box 312-H, Chatham, NJ 07928.

ESCHER—POSTER, T-Shirts, etc. Amazing, eye-teasing images. Catalogue—\$1 Nakima, POB 670, Sandia Park, NM 87047

DON'T PAY ELECTRIC BILLS! To power a room or for complete energy independence Solar Power! It's clean, it's quiet, it's FREE! Remote pumping applications to Marine or R.V. uses. Check it out! (408) 847-1111

MIAMI ROCK INCENSE. The best all rock \$85.00 for 1oz plus free shipping. Limited time offer, call **Mam Labs** (419) 473-1146.

FREE SAMPLES MOROCCAN Incense Superdotes Superscent Le Rock Call P.D.C. (613) 851-5999

RED FLY AGARIC Mushrooms (Soma) Amanita muscaria var muscaria. Grade A, 30 g dried, \$60.00. Grade B \$50.00 Var Flavivolvata, grade B \$40.00. Other grades and variations available. JLF, \$60.00, Grade B \$50.00 Var Flavivolvata, grade B \$40.00. Other grades and variations available. JLF PO Box 184, Elizabethtown, IN 47232.

STIMULANTS DIET-AIDS Decongestants Sleep-aids (Tran-dox)...CoRock incense...Lowest prices Highest quality Guaranteed **FREE CATALOG VIVALIFE** BOX 111 H. BALDWIN NY 11610.

MISCELLANEOUS

TERM PAPERS 16,278 available! 306-page catalog rush \$2.00 Research, 11322 Idaho, #206HZ, Los Angeles, 90025. (213) 477-8226.

ANY VIETNAM VETS Out there with information on whereabouts of DOUG RABBIT who operated a pirate radio program in 1969 in the Saigon area? Please send info and/or tapes of the show to Ed Hassle, c/o HIGH TIMES, 211 E. 43rd St. NYC 10017

PERSONALS

LOVELY, FAITHFUL, marriage minded Philippine ladies seek single men for penpals. Fil-Am friendship. Box 11348 Hilo, Hawaii 96721

WITCHCRAFT Mother Nature's own high power and serenity. Gavin and Yvonne, Box 1502 H, New Bern, NC 28560.

HELP WANTED

EASY WORK! EXCELLENT PAY! Assemble products at home. Call (504) 641-8003 Ext. 6245.

NOVELTIES

INCREDIBLE HAW—THAI Hybrid. Limited Supply. \$100.15 seeds. WE, 2560 Bancroft Way, #104, Berkeley, CA 94704

HUMBOLDT SEED Purple Skunk \$1.00 each seed. H.C.W.C. PO Box 386, Garberville, CA 95440.

NORTHERN CALIFORNIA Seed: Indica, Afghani, Sativa, \$1.00 each seed N.C.S. PO Box 114, Phillipsville, CA 95559

EMERALD TRIANGLE SEEDS Hawaiian and Asian \$.00 each seed. E.T.S., PO Box 952 Miranda CA 95553.

MENDO CINO Purple Kush Dwarf Afghani Indoor/Outdoor \$1.00 each seed. M.P.K. PO Box 1034, Redway, CA 95560

HUMBOLDT PURPLE seed. \$1.00 each seed. Seed. P.O. Box 611, Miranda, CA 95553.

HIDDEN VALLEY SEEDS Super Purple Skunk \$20/25 seeds. Box Holder PO Box 1067, Redway, CA 95560

SINSEMILLA FARMS Skunk #1 25.10 seeds, PO Dear Bob, PO Box 220 Meyers Flat, CA

AUTOS FOR SALE

IS IT TRUE YOU CAN BUY Jeeps for \$44 through the U.S. Government? Get the facts today! Call 1 312-742-1142, ext. 118-A.

PUBLICATIONS

ARE YOU NUTS? We are The National Public Humor Newsletter, totally fabricated news and outrageous humor monthly. Annual subscription: \$10 Free Sample: \$2.50 NPHN HT, PO Box 21, Cheshire, CT 06410

UNDERGROUND BOOKS Controversial and Unusual. Catalog \$2 FSS, PO Box 232, Fair Oaks, CA 95628-0232.

BEHIND BARS

140 LB. BLUE EYES, brownish blonde hair I pass my time weight-lifting and running, very lonely. Please write: Ronnie Owens, PO Box 217, Yanceyville, NC 27379.

WHITE MALE, \$10" and rising, 160 lbs Dark brown hair, blue eyes. 36 years old looking for a sweet someone to write. Please write: George Wall, PO Box 217, Yanceyville, NC 27379.

W/MALE, 28, BROWN EYES, long brown hair. Would like to correspond with ladies on the outside. Leslie Hattey, RT 1 Box 36, Jackson, NC 27845.

A 46 YEAR OLD BLACK MAN who is in prison that has no one to correspond with would like to hear from any and all single ladies of any race and of all walks of life. Leon Mitchell, #177-131 C-3-A 2600 S. Avon Belden Rd., Grafton, OH 44044

ATTENTION UNDER WRITERS My name is Allen. I'm just a hair under six-foot-one inches tall, I weigh 208 lbs, and I'm 39 years old. There is a sincere desire in me to listen to, share and perhaps even to understand a woman's opinions, feelings and thoughts. If interested in writing me, please do Allen Wade, PO Box 607, Carson City, NV 89702.

POT AND OTHER DRUGS got me a 135 year sentence. High. My name is Scott French, I'm a writer and poet here in Nevada Prison. I'm white, 6', Gemini who's pretty lonely searching for a sweet lady with a jet plane—or better yet, just a sweet and sincere friend. Please write R. Scott French #20023, PO Box 607 Carson City, NV 89701.


BLANK PHOTO ID CARDS

Make laminated Photo IDs on any typewriter. All materials furnished for 5 IDs. Good in All States and Canada. 5 FREE BIRTH CERTIFICATES. C.O.D. Toll-Free 24 Hrs. 1-800-889-1744. 5 FOR \$10. CAPITAL PUBLISHING, DEPT. B323 2071 Emerson, Box 5200 • Jacksonville, FL 32207

DISCOUNT BOOKS

INDOOR MARIJ. HORTICULTURE \$15.95
MARIJUANA GROWERS GUIDE \$18.95
MARIJUANA BOTANY \$13.95
MARIJUANA HYDROPONICS \$13.95
MARIJ. GROWERS HANDBOOK \$18.95
MARIJUANA QUESTIONS? \$15.95
MARIJUANA POTENCY \$13.95
PSYCHEDELIC CHEMISTRY \$12.95
CLANDESTINE LABORATORIES \$10.00
COCAINE HANDBOOK \$23.95
HOW TO DISAPPEAR \$12.00
THE MUSHROOM CULTIVATOR \$22.95
GROWING WILD MUSHROOMS \$8.95
MUSHROOM RESOURCE GUIDE \$12.00
AMANTA MUSCARIA SPORES \$10.00
BOOK & SPORE CATALOG \$2.00
FREE SHIPPING! IMMEDIATE DELIVERY!
FS BOOK CO., P.O. BOX 417457
SACRAMENTO, CA 95841-7457

ROCKWOOL



THE GROWING MEDIUM

FOR A DESCRIPTIVE BROCHURE ON OUR COMPLETE LINE OF GARDEN SUPPLIES WRITE OR CALL.

FULL CIRCLE

P.O. BOX 6-HS
REDWAY, CA 95560
(707) 923-3988
(800) 426-5511

MARIJUANA, COCAINE, CAFFEINE, HAL- LUCINIGENICS, ALCOHOL, TORACCO, ORAL CONTRACEPTIVES each drain certain precious **VITAMINS & MINERALS** from your **MIND & BODY.** Learn which ones, how much & to replenish them.

For a completely detailed booklet on all of these subjects send \$11.95 to: **HEALTHY HEAD** P.O. Box 146 Glenview, IL 60025
"Essential for your Health!"

(IMPORTED)

Y-HUBA GOLD!

GET AS HIGH AS YOU'VE EVER BEEN!!!
GUARANTEED
LOOKS, SMOKES, SMELLS
SIMILAR TO MARIJUANA
SATISFACTION GUARANTEED
ORDER NOW! Must Be Over 18
\$20.00 per oz. to: Noon Moon
6475 Pacific Coast Hwy #279 Long Beach CA 90803

GET WIRED!

PURELY AKADEMIC
Caffeine Molecule, DNA, LSD,
No Cholesterol, Yassibolone,
Valium, THC, P.M., Cocaine,
Meth. XTC. Plus 100's MORE!

T-Shirt (White, black, or teal)
\$11.95, 4/440, Black Sweatshirt
\$20. Sizes M, L, XL. Ship \$1.25/
item. Complete CATALOG \$1.
Free Brochure: WRITE Dept. CS
P.O. BOX 3321 STANFORD, CA
94301 (415) 325-8820

EXTEND-A-HIT II

EXCITING NEW
BREAKTHROUGH
IN TECHNOLOGY
ENJOY ANY SMOKABLE SUBSTANCE
TWICE AS MUCH WITH HALF THE
AMOUNT. ABSORB UP TO FIVE TIMES
MORE FROM EACH HIT. GUARANTEED
GET HIGHER • SAVE MONEY • ORDER NOW
* SEND \$5.95 to "KRAWLINS"
P.O. BOX 231-H, WILLOW, WA 98596
CONFIDENTIALITY GUARANTEED

MAH
Indoor Gardens
For All You Grow

LIGHTING, CO₂, NUTRIENTS
HYDROPONIC SYSTEMS
151 ALKIER ST., BRENTWOOD
N.Y. 11717 • (516) 231-9472

VISIT OUR SHOWROOM
M-F 12-6:30
S 10-6:30

EAST COAST HYDROPONICS
Indoor/Outdoor growing supplies.
Specializing in organics including
worm sting bait & seabird GUANOS.
Home of the MAXIMUM light, &
much much more stuff. Store or mail
order. Call for free catalogs
718-727-9300 or 800-255-0121 or
write/visit: 432 Castleton Ave. S.I.
NY 10301

NOVELTIES

PURPLE SHUK
NORTHERN LIGHT
UNIVERSITY OF MARIJUANA
THE BIRD
M. P. P. P. P. P.
APRIL 1981
MARIJUANA
MARIJUANA
MARIJUANA

INCLUDE ONE DOLLAR
POSTAGE AND HANDLING

Marijuana Digest
Data and Information for
Marijuana Reform Activists
P.O. Box 17064
Washington, D.C. 20041
(703) 822-5212

Vol. 1, No. 1 - The Suppression of Marijuana Cultivation in the U.S.
Vol. 2, No. 2 - Drug Abuse Issues Before the 101st Congress

Marijuana Digest is published bimonthly by former NORML National Director
Joe Gump. Subscriptions are \$25 for six issues, \$15 for three issues. Sample
issues are available for \$2, ordered to the above address. Please specify on order.

FREE!!

Lebanese, Lettuce "O", and
Superdot Incense samples and
catalog. Low-cost stimulants, etc.
also available. 812-422-4859

HIGH RISE
PRODUCTS

RETEL NUT Cigarettes
\$5.00 Per Pack (25 Cigarettes)
20 Packs: \$60.00

KABA KABA
Only \$10.00 oz. \$80.00 Pound

Lettuce Opium Kit
Make Your Own. It's Easy!
Includes 5 oz. Mild Lettuce,
materials, complete
instructions.
See why it's so hard to
tell the difference!!!
\$15.00 per kit

Morning Glory Seeds
For SUPERIOR to Woodstock
variety \$15.00 per oz.
Send to: HIGH RISE Products
4067 Hardwick Street #275
Lakewood, CA 90712

The HIGH TIMES Classified Reaches Over 2 Million People Each Month.
Whether Your Message is for Business or Pleasure,
put it in HIGH TIMES for Maximum Results.

RATES

One-time ad \$5.00/word

Discount for contracts:

Three consecutive ads \$4.75

Six consecutive ads \$4.50

Twelve consecutive ads \$4.25

CLASSIFIED DISPLAY

\$150 per column inch

Column width is 1 5/8 inches.

Discount for contracts:

Three consecutive ads \$140/inch

Six consecutive ads \$130/inch

Twelve consecutive ads \$120/inch

All display ads must be delivered camera ready

TO ORDER

MINIMUM AD IS TEN WORDS

Post Office Box #'s and telephone #'s count as two words each
All ads must be typewritten.

**ALL ADVERTISING MUST BE FULLY PAID IN
ADVANCE WITH CHECK OR MONEY ORDER, NO CASH.**

Ad will appear 60 to 90 days after receipt.

All ads are accepted at the discretion of the Publisher.

No advertisements for chemicals, chemical supply houses,
formulas, extraction methods or synthesis reports will
be accepted.

Call for Advertising Acceptability Policy (212) 972-8484

Mail to: HIGH TIMES Classified

211 E. 43rd Street, New York, NY 10017

Please include a sample of your product or catalog with your ad, and
your street address and phone number.

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39

Cost of Ad

_____ words at _____ per word = _____ Total

Payment must be enclosed with order

(Check or money order only, please.)

Name _____

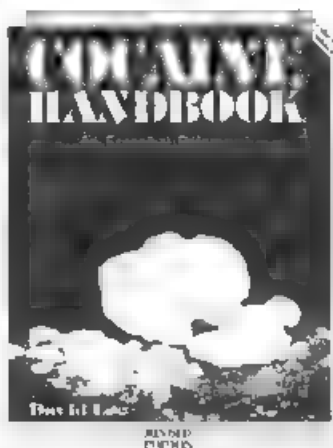
Address _____

City _____

State _____

Zip _____

BOOKSTORE



MAMA COCA

by Antonil

A well-documented presentation of how wholesale dope movers and narcotics officials actively collaborate in the international drug trade.

HTB/21 \$8.95

HOW TO GROW

by Charles E. Sherman and Hap Brenizer

How to grow the easy way, get big yields from your backyard, patio, apartment, etc.

HTB/36 \$9.95

INDOOR MARIJUANA CULTIVATION

compiled by Murphy Stevens

Simple directions and accompanying photographs make this book informative and easy to follow. Learn the best methods of growing marijuana indoors with lights.

HTB/40 \$5.95

THE SINSEMILLA TECHNIQUE

by Kayo

Written for the curious as well as the experienced, this technique tells how fewer plants in smaller pots can yield more cannabis of higher quality. The book includes photographs and illustrations.

HTB/30 \$19.95

COCAINE

by David Lee

An updated edition of a classic reference, written in the spirit of consumer protection. Includes sections on applicable laws, where to go for help with abuse problems, and the straight dope on health hazards, adulterants, and garbage freebase ('crack'). Fully illustrated.

HTB/31 \$24.95

CANNABIS ALCHEMY: THE ART OF MODERN HASHISH MAKING

by D. Gold

Turn that moldy old bag of ditchweed into some hi-test hashish by simply following the method outlined in this book. Written specifically for the layman, with diagrams.

HTB/13 \$12.95

MARIJUANA BOTANY

by Robert Connell Clarke

Contains the newest data on all phases of cannabis cultivation. How quality is affected by climate, identifying male plants, harvesting, THC production and potency.

HTB/46 \$14.95

MARIJUANA GROWER'S INSIDERS GUIDE

by Mel Frank

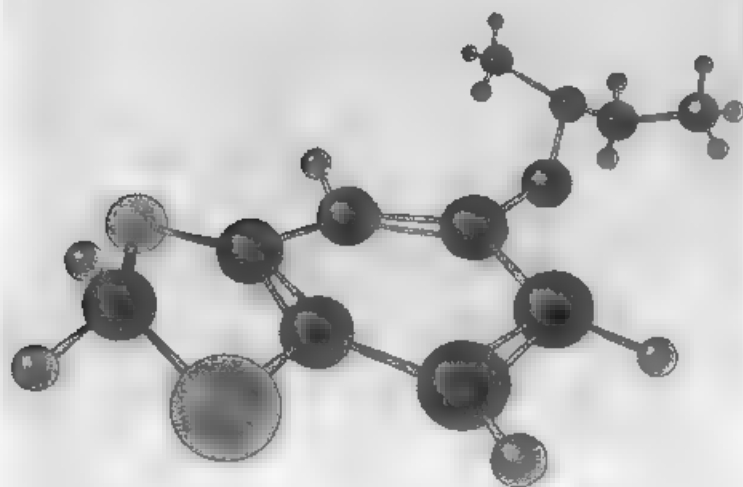
A completely new, easy to understand guide to proven results for both experienced and novice gardeners. Topics include how to maximize yield, increase potency, which products to use with your health and budget in mind, and how to develop exotic, super potent strains.

HTB/53 \$19.95

"A splendid summary of the drug's usage history, effects" ~ Dr. Stanley Krippner

ECSTASY

The MDMA Story



By Bruce Eisner

Foreword by Dr. Stanley Krippner

Introduction by Peter Stafford

Bibliography by Dr. Alexander Shulgin

THE SECRET GARDEN

by George Lassen

Succint, highly readable, and well-illustrated. A good beginner's guide to outdoor cultivation with chapters on site selection, camouflage, sexing, predators, and drying, among others.

HTB/50 \$14.95

WEED

by Jerry Kamstra

An underground classic back in print! The best book published on Mexico in the last 10 years! Stolen from libraries, borrowed from friends, passed from hand to hand like a valuable treasure, Weed is one of a kind; a poignant portrait of backroads Mexico, and the people who live in the mountains and make their living off the illegal weed! It reads like a novel, but it's all true--with a 10-page glossary and 50 full-page photographs from the collection of Roberto Ayala.

HTB/51 \$9.95

ECSTASY: THE MDMA STORY

by Bruce Eisner

This book chronicles the history of MDMA, including the flip-flops in its legal status. The psychological effects, erotic implications, methods of use, and possible future of this substance are presented. The reader will also find an up-to-date report on potential health risks, the chemistry of MDMA, an annotated bibliography of MDMA literature, and 27 photos and illustrations.

HTB/52 \$17.95

CALL TOLL FREE
FOR ORDERS ONLY

800-435-0715

In IL. 800-892-0753



☐ Payment enclosed

☐ MasterCard ☐ Visa

Card # _____

Expiration date _____

Signature _____

Please send me the books I
have indicated below.

BOOK#	QUANTITY	XPRICE	=COST
HTB/13	_____	\$12.95	_____
HTB/21	_____	\$ 8.95	_____
HTB/30	_____	\$19.95	_____
HTB/31	_____	\$24.95	_____
HTB/36	_____	\$ 9.95	_____
HTB/40	_____	\$ 5.95	_____
HTB/46	_____	\$14.95	_____
HTB/50	_____	\$14.95	_____
HTB/51	_____	\$ 9.95	_____
HTB/52	_____	\$17.95	_____
HTB/53	_____	\$19.95	_____

Subtotal \$ _____

Add \$1.75 _____

shipping for each
book \$ _____

Grand Total \$ _____

Make check payable to HT
Bookstore

Mail to: HIGH TIMES Books,
PO Box 410, Mt. Morris, IL
61054

Please allow 6-8 weeks for
processing and delivery.

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

STATE-BY-STATE COMPARISON OF THE MARIJUANA LAWS

Compiled by the National Organization for the Reform of Marijuana Laws

Alabama

Possession: 0-2.2 lbs For Personal Use: 0-1 yr & \$1,000
0-2.2 lbs. Not For Personal Use: 2-15 yrs & \$25,000
2-2,000 lbs: 3-15 yrs & \$25,000
Over 10,000 lbs: 15 yrs & \$200,000
Cultivation/Sale: 0-2.2 lbs: 2-15 yrs & \$25,000
2-2,000 lbs: 3-15 yrs & \$25,000
2,000-10,000 lbs: 5-15 yrs & \$50,000
Over 10,000 lbs: 15 yrs & \$200,000

Possession/Cultivation: Legal for personal use in home. Any amt for personal use not in home: 0-100
Public Display of up to 1 ounce or possession of 4 or more ounces: 0-90 days & \$1,000
Sale up to 1 ounce: 0-1 yr & \$1,000
Over an ounce: 0-5 yrs & \$5,000

Arizona

Possession: Up to one pound: 1-5 yrs & \$750-160,000
1-5 lbs: 4 yrs & \$750-50,000
5 lbs: 7 yrs & \$750-150,000
Cultivation/Sale: Same as possession for over 1 lb.
Arizona also has provisions requiring community service and drug treatment for people convicted of any pot crime. Laws regarding drug sales near schools eliminate any chance of parole until all of the sentence is served as well as imposing a minimum \$2,000 fine.

Arkansas

Possession: Up to 1 ounce: 0-1 yr & \$1,000
1 oz-10 lbs: 4-10 yrs & \$25,000
10-100 lbs: 5-20 yrs & \$50,000
Over 100 lbs: 0-30 yrs & \$100,000
Cultivation/Sale: Up to 1 ounce: 2-10 yrs & \$10,000
Over an ounce same as possession charge

California

Possession: Up to an ounce: 0-6100
Over an ounce: 0-6 mos & \$500
Cultivation: 16 mos-3 yrs
Sale: 2-4 years

Colorado

Possession: Up to an ounce in private: \$0-100
In public: 0-15 days & \$100
1-6 oz: 0-2 yrs & \$500
8 oz or more: 1-2 yrs
Cultivation/Sale: Any amount 2-4 yrs
Second offense possession of any amount over an ounce subsequent to a prior pot offense carries a penalty of 6 mos-2 years. For 8 or more ounces, 3-8 years & \$5,000-5000.

Connecticut

Possession: Up to 4 ozs: 1 yr or \$1,000
Over 4 ozs: 0-5 yrs & \$2000
Cultivation/Sale: Up to 2.2 lbs: 0-7 yrs & \$1,000
Over 2.2 lbs: 5-20 yrs
No suspended sentences unless a person is drug dependent

Delaware

Possession: Up to 50 lbs: 0-2 yrs & \$500
50-100 lbs: 3 yrs & \$50,000
100-5,000 lbs: 5 yrs & \$100,000
Over 5,000 lbs: 15 yrs & \$400,000
Cultivation/Sale: Up to 50 lbs: 0-10 yrs & \$10,000
50-100 lbs: 3-10 yrs & \$50,000
100-5,000 lbs: 5 yrs & \$100,000
Over 5,000 lbs: 15 yrs & \$400,000

Florida

Possession: Up to 20 grams: 0-1 yr & \$1,000
20 grams-100 lbs: 0-3 yrs & \$5,000
100-2,000 lbs: 3-30 yrs & \$25,000
2,000-10,000 lbs: 5-30 yrs & \$50,000
Over 10,000 lbs: 15-30 yrs & \$100,000
Cultivation/Sale: Up to 20 grams: 0-5 yrs & \$5,000
All other amounts: Same penalties as for possession

Georgia

Possession: Up to 1 oz: 0-1 yr & \$1,000
1 oz to 100 lbs: 1-10 yrs
100-2000 lbs: 5-10 yrs & \$25,000
2000-10,000 lbs: 7-15 yrs & \$50,000
Over 10,000 lbs: 15 yrs & \$200,000
Cultivation/Sale: Up to 100 lbs: 1-10 yrs
All other amounts: Same penalties as for possession

Hawaii

Possession: Up to 1 oz: 0-30 days & \$500
1 oz to 2.2 lbs: 0-1 yr & \$1,000
Over 2.2 lbs: 0-5 yrs & \$5,000
Cultivation/Sale: Up to an ounce: 0-1 yr & \$1,000
All other amounts: Same penalty as for possession

Idaho

Possession: Up to 3 ozs: 0-1 yr & \$1,000
Over 3 ozs: 0-10 yrs & \$1,000
Cultivation/Sale: Up to 3 ozs: 0-5 yrs & \$1,000
Over 3 ozs: 0-5 yrs & \$15,000

Illinois

Under 2.5 gms: 0-30 days & \$500
2.5-10 gms: 0-6 mos & \$500
10-30 gms: 0-1 yr & \$1,000
30-500 gms: 1-3 yrs & \$10,000
Over 500 gms: 2-5 yrs & \$10,000
Cultivation/Sale: Under 2.5 gms: 0-6 mos & \$500
2.5-10 gms: 0-1 yr & \$1,000
10-30 gms: 1-3 yrs & \$10,000
30-500 gms: 2-5 yrs & \$50,000
Over 500 gms: 3-7 yrs & \$100,000

Indiana

Possession: Up to 30 gms: 0-1 yr & \$1,000
Over 30 gms but less than 10 lbs: 0-2 yrs & \$10,000
Cultivation/Sale: Same penalties as for possession

Possession: Any amount: 0-6 mos & \$2,500
Cultivation: Any amount: 0-5 yrs & \$2,500
Sale: Any amount: 0-5 yrs & \$10,000

Kansas

Possession: Any amount: 0-1 yr & \$2,500
Cultivation: 0-1 yr & \$2,500
Sale: 1-10 yrs & \$10,000

Kentucky

Possession: Less than 8 ozs: 0-1 yr & \$500
8 oz-5 lbs: 1-5 yrs & \$2,500
5 lbs or more: 5-10 yrs & \$5,000-10,000
Cultivation/Sale: Penalties are the same as for possession
Note: Up to four plants is treated as simple possession

Louisiana

Possession: Under 100 lbs: 0-6 mos & \$500
100-2,000 lbs: 5-15 yrs & \$50,000
2,000-10,000 lbs: 15-25 yrs & \$200,000
Over 10,000 lbs: 25-35 yrs & \$500,000
Cultivation/Sale: Under 100 lbs: 0-10 yrs & \$15,000
All other penalties same as for possession

Maine

Possession: Any amount for personal use up to 1.5 ozs:
1.5-2 lbs: 0-1 yr & \$1,000
2-1,000 lbs: 0-5 yrs & \$2,500
Over 1,000 lbs: 0-10 yrs & \$10,000
Cultivation/Sale: Up to 1.5 ozs: 0-1 yr & \$1,000
All other penalties same as for possession

Maryland

Possession/Cultivation: Any personal use amount:
0-1 yr & \$1,000
Any other amount, presumed intent to distribute: 5-15 yrs & \$1,000
Importation of over 100 lbs into MD: 0-25 yrs & \$50,000
Second Offense: Mandatory 2 yrs, up to 15 yrs & \$15,000

Massachusetts

Possession: Any amount for personal use: Probation
Cultivation/Sale: 0-2 yrs & \$5,000

Michigan

Possession: Any amount: 0-1 yr & \$1,000
Use: 0-90 days & \$100
Cultivation/Sale: 0-4 yrs & \$5,000
City of Ann Arbor: Possession under 1 oz: \$0-100

Minnesota

Possession: up to 1.5 ozs: 0-100
Over 1.5 ozs: 0-3 yrs & \$3,000
Cultivation/Sale: Any amount: 0-5 yrs & \$30,000

Mississippi

Possession: Up to 1 oz not in vehicle: \$100-250
1 ght to 1 oz in vehicle: 0-60 days & \$1,000
1 oz-2.2 lbs: 0-2 yrs & \$1,000
Over 2.2 lbs: 0-20 yrs & \$1 million
Cultivation/Sale: Up to 1 oz: 0-3 yrs & \$3,000
1 oz to 2.2 lbs: 0-20 yrs & \$30,000
Over 2.2 lbs: 0-30 yrs & \$1 million

Missouri

Possession/Cultivation: Up to 35 gms: 0-1 yr & \$1,000
Over 35 gms: 0-5 yrs & \$1,000
Sale: Any amount: 3 yrs & \$1,000
Note: Any marijuana offense while driving punished by license suspension for 1 year

Montana

Possession: Up to 60 gms: 0-6 mos & \$500
Over 60 gms: 0-50 yrs & \$50,000
Cultivation/Sale: 1 yr to Life & \$50,000

Nebraska

Possession: Up to 1 oz & \$100 & drug ed
1 oz-1 lb: 0-7 days & \$500
Over 1 lb: 0-5 yrs & \$10,000
Cultivation/Sale: Any amount: 0-5 yrs & \$10,000

Nevada

Possession: Up to 1 oz by a person under 21: 0-6 yrs & \$2,000
Up to 100 lbs by an adult: probation-5 yrs & \$5,000
100-2,000 lbs: 3-20 yrs & \$25,000
2,000-10,000 lbs: 5-20 yrs & \$50,000
Over 10,000 lbs: 30 yrs to Life & \$200,000
Cultivation/Sale: Up to 100 lbs: 15 yrs & \$5,000
All other penalties are the same as for possession

New Hampshire

Possession: Up to 1 lb: 0-1 yr & \$1,000
Over 1 lb: 0-7 yrs & \$2,000
Cultivation/Sale: Any amount: 0-15 yrs & \$2,000

New Jersey

Possession: under 50 gms: 0-6 mos & \$750 & 2 yr
loss of driver's license
Over 50 gms: 0-5 yrs & \$15,000
Cultivation/Sale: 0-5 yrs & \$15,000
New Jersey also has provisions for doubling penalties if they occur within 1,000 ft of a school, and strengthened penalties for people that employ minors in the drug trade.

New Mexico

Possession: Up to 1 oz: 0-15 days & \$100
1-8 ozs: 0-1 yr & \$1,000
9 oz or 100 lbs: 0-10 mos & \$5,000
Over 100 lbs: 3 yrs & \$5,000
Cultivation: Any amount: 0-9 yrs & \$10,000
Sale: 1 gm-100 lbs: 3 mos & \$5,000
over 100 lbs: 3 yrs & \$5,000

New York

Possession: Up to 25 gms in private: \$0-100
25 gms-2 ozs: 0-3 mos & \$500
2-4 ozs: 0-1 yr & \$1,000
4-8 ozs: 0-4 yrs
1-10 lbs: 0-7 yrs
Over 10 lbs: 0-15 yrs
Cultivation: Up to 6 ozs: 0-1 yr & \$1,000
4-8 ozs: 0-1 yr & \$10,000
1-10 lbs: 0-7 yrs
over 10 lbs: 0-15 yrs
Sale: Up to 25 gms: 0-1 yr & \$1,000
25 gms-4 ozs: 0-4 yrs
4 ozs-1 lb: 0-7 yrs
Over 1 lb: 0-15 yrs

North Carolina

Possession: Up to 1 oz: 0-30 days & \$100, suspended over 1 oz: 0-2 & \$2,000
Cultivation/Sale: Penalties same as possession of over 1 oz
The following mandatory minimum sentences are provided for trafficking offenses:
over 30 lbs, less than 100 lbs: 5 yr min
over 100 lbs, less than 2,000 lbs: 10 yr min
over 2,000 lbs, less than 10,000 lbs: 14 yr min, 20 yr max
over 10,000 lbs: 35 yr min, 40 yr max

North Dakota

Possession: Up to 5 oz not in vehicle: 0-30 days & \$500
Conditional:
5 oz-1 oz not in vehicle, or .5 oz in vehicle: 0-1 yr & \$1,000
over 1 oz: 0-5 yrs & \$5,000
Cultivation/Sale: Any amount: 0-10 yrs & \$10,000

Ohio

Possession: Up to 100 gms: \$0-100
100-200 gms: 0-30 days & \$250
200-800 gms: 6 mos-5 yrs & \$2,500
Over 800 gms: 1-10 yrs & \$5,000
Cultivation/Sale: Up to 200 gms: 6 mos-5 yrs & \$2,500
200-800 gms: 1-10 yrs & \$5,000
Over 800 gms: 2-15 yrs & \$7,500

Oklahoma

Possession: Any amount for personal use: 0-1 yr
Cultivation: Any amount: 2-10 yrs & \$50,000
Sale: less than 25 lbs: 2-10 yrs & \$20,000
25-1,000 lbs: \$25,000-100,000
Over 1,000 lbs: \$100,000-500,000

Oregon

Possession: Up to 1 oz: \$0-100
over 1 oz: 0-10 yrs & \$2,500
Cultivation/Sale: 0-20 yrs & \$100,000

Pennsylvania

Possession: Up to 30 gms: 0-30 days & \$500
Over 30 gms: 0-1 yr & \$5,000
Cultivation/Sale: Any amount: 0-5 yrs & \$15,000

Rhode Island

Possession: Less than 1 kg: 0-1 yr & \$250
more than a kilo: 10 yr mandatory minimum
Cultivation/Sale: Any amount: 10-30 yrs & \$50,000

South Carolina

Possession: Up to 1 oz: 0-30 days & \$200
Over 1 oz: 0-5 yrs & \$5,000
Cultivation/Sale: Penalties same as possession over 1 oz

South Dakota

Possession: Up to 1 oz: 0-30 days & \$100
2 oz-1 lb: 0-1 yr & \$1,000
1-10 lbs: 0-2 yrs & \$2,000
Over 10 lbs: 0-10 yrs & \$10,000
Cultivation/Sale: Up to 1 lb: 0-1 yr & \$1,000
1-10 lbs: 0-2 yrs & \$2,000
Over 10 lbs: 0-10 yrs & \$10,000
Note: Penalty for cultivation under 1 oz same as for possession under 1 oz

Tennessee

Possession: Up to 10 lbs: 0-1 yr & \$1,000
Over 10 lbs: 4-10 yrs & \$10,000
Cultivation/Sale: Up to 5 oz: 0-1 yr & \$1,000
5 oz-10 lbs: 1-5 yrs & \$3,000
Over 10 lbs: 4-10 yrs & \$10,000
Note: Cultivation carries mandatory minimum 1 yr sentence

Texas

Possession: Up to 2 ozs: 0-6 mos & \$1,000
2-4 ozs: 0-1 yr & \$2,000
4 ozs-5 lbs: 2-10 yrs & \$5,000
5-60 lbs: 2-20 yrs & \$10,000
Cultivation/Sale: Under 2 ozs: 0-1 yr & \$1,000
Over 2 ozs: Same penalties as for possession
Texas also has strict mandatory minimum sentences for amounts over 50 lbs, and sale to minors

Utah

Possession: 0-6 mos & \$300
Cultivation/Sale: 0-5 yrs & \$5,000

Vermont

Possession: Up to 5 oz: 0-6 mos & \$500
5-2 ozs: 0-3 yrs & \$3,000
Over 2 ozs: 0-5 yrs & \$5,000
Cultivation/Sale: Any amount: 0-5 yrs & \$5,000

Virginia

Possession: Up to 5 lbs: 0-30 days & \$500
Cultivation: Up to 5 lbs: 0-30 days & \$500
Over 5 lbs: 5-30 yrs
Sale: Up to 5 oz: 0-1 yr & \$1,000
5 oz-5 lbs: 0-10 yrs & \$1,000
Over 5 lbs: 5-30 yrs

Washington

Possession: Up to 40 gms: 0-90 days & \$250
Over 40 gms: 0-5 yrs & \$10,000
Cultivation/Sale: Any amount: 0-5 yrs & \$10,000

West Virginia

Possession: Up to 15 gms: conditional discharge
Over 15 gms: 90 days-6 mos & \$1,000
Cultivation/Sale: Any amount: 1-5 yrs & \$15,000

Wisconsin

Possession: Any amount: 0-30 days & \$500
Cultivation/Sale: Any amount: 0-5 yrs & \$15,000
Madison: possession: 0-100

Wyoming

Possession/Cultivation: Any amount: 0-6 mos & \$1,000
Sale: Any amount: 0-10 yrs & \$10,000

NEXT MONTH



GREG GORMAN

What makes Frank Zappa such an interesting Mother?

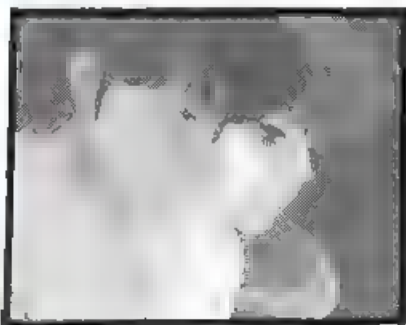
Ever hear of a sclerotia? A by-product of certain psychedelic mushrooms, sclerotia are tastier, smoother, and more powerful than the mushrooms themselves.

Stephen Peele of the Florida Mycology Center tells how to identify and pick these "magic stones."

PLUS: the results of the 1989 NORMLTHON; an excerpt from the *South-Carolina Gazette*, January 8, 1732, describing how to grow hemp; A look inside an organic operation that packs 2,000 plants into 96 square feet; an interview with the Lenny Bruce of rock, Frank Zappa; a breakthrough in the study of the effects of THC on the brain; and an excerpt from *What a Long Strange Trip It's Been* by Lewis Sanders, in which Bobby Kennedy drops acid and gets murdered by the mob.

XX RATED JAPANIMATION VIDEOS

NEW IN THE SUMMER 1989
EDITION OF THE RIP OFF PRESS
MAIL ORDER CATALOG!



"You've never seen anything quite like this. It's like 'Speed Racer Meets Cherry Poptart.'"

PLUS PLENTY OF FAR-OUT
UNDERGROUND COMIX, T SHIRTS,
POSTCARDS, BOOKS AND A WHOLE
LOT MORE! Subscribe now! (4 issues,
inside USA only) Send one dollar to:
RIP OFF PRESS, INC.
P.O. BOX 4686
AUBURN, CA 95604

SECRET OPERATIONS

☐ THE CONSTRUCTION AND OPERATION OF CLANDESTINE DRUG LABORATORIES, by Jack B. Nimble, reveals how to select a location for a clandestine drug laboratory, how to cover your tracks, safety precautions, and when and how to shut down your operation to keep out of the slammer. *This book is sold for informational purposes only. 1986, 5 1/2 x 8 1/2, 60 pp, illustrated, soft cover. \$13.00+ postpaid*

BANNED BOOKS

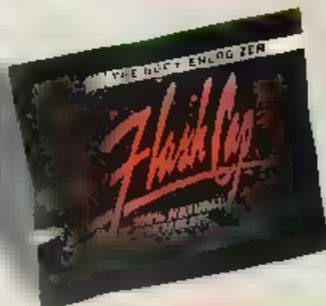
☐ The famous **LOOMPANICS UNLIMITED** catalog! Huge 8 1/2 x 11 over 200 pages, more than 500 of the most controversial and unusual books ever printed! Crime, Police Manuals, Lock Picking, Drugs, Underground Economy, Unusual Money-Making Ideas, Hiding Out, Living Free, Self Defense, Guns and Knives, Guerrilla Warfare, Basement Nukes, Intelligence Increase, Anarchism, Heresy, Privacy Tax Avoidance, Deserted Islands, Dodging Big Brother, Fake ID, Revenge, Concealing & Contraband, Life Extension, Reality Creation, Murder Survival Science, and much much more! Our catalog is **The Best Book Catalog In The World!** — You have to see it to believe it! Only \$3.00 from

Loompanics Unlimited HT93
PO Box 1197
Port Townsend, WA 98368

Please send the books I have marked above. I have enclosed \$

Name _____
Address _____
City _____
State _____ Zip _____

THE ENERGY DISCOVERY



FLASHCAP
THE BODY ENLARGER

If You Need Energy — You Need FLASHCAP™
You've Heard of It, Now You See It —

TRY IT NOW ... IT'S THE BEST!

TRIAL PACKET: 30 Caplets \$ 9.95
(3 Caplets) .. \$2.50 90 Caplets ... \$19.95

MENTAL ALERTNESS AIDS, DIET AIDS & MORE:



#1-3 Ephedrine Tabs	\$19.95/1000, \$6.95/100	#13 L-Tryptophan Sleep Aid	\$8.95/60
#4-7 Caffeine Tabs	\$13.95/500, \$7.95/100	#14 Grapefruit Diet	\$9.95/60
#8 Magnum 357	\$15.95/500, \$8.95/100	#15 PPA Diet (Phenylpropanolamine)	\$9.95/100
#9-12 Caffeine Caps	\$19.95/500, \$9.95/100	#16 Super Nite Diet	\$9.95/60

For Orders:
CALL TOLL FREE
1-800-888-8978



P.E.P.
P.O. Box 4797
Portland, OR 97208-4797

• Order COD or Prepaid • Money Back Guarantee • \$2.50 Handling Charge on Orders \$25 or less • P.E.P. Pays Shipping on Prepaid Orders • No Sales to Minors • Use Only as Directed • Prices & Inventory Subject to Change without Notice • Most Orders Shipped within 24 Hours • Void where Prohibited by Law

SUPER SATIVA SEED CLUB



EXOTIC SEEDS FROM
AMSTERDAM

FREE

THE MARIJUANA SEED CATALOG

33 COLOR PICTURES

TOP QUALITY MARIJUANA SEEDS: INDICA'S, SATIVA'S

AND HYBRIDS

U.S.-TOP STRAINS AND EXOTICS

CAREFULLY BRED FOR INDOOR AND OUTDOOR

GROWING

MARIJUANA SEED BREEDING AND PRODUCING

IS OUR PROFESSION

☐ YES! PLEASE SEND ME A FREE
COPY OF THE MARIJUANA
SEED CATALOG

NAME
ADDRESS
TOWN
STATE/ZIP
SEND VIA AIRMAIL TO:
S.S.S.C. - POSTBUS 1942
1000 BX AMSTERDAM - HOLLAND
DISCRETION ASSURED.

A N E W A G E S E R V I C E

GROW BIGGER, HEALTHIER, MORE POTENT PLANTS FASTER

EcoGROW & EcoBLOOM

COMPLETE PLANT NUTRIENTS

Scientifically formulated to maximize growth and quality with soil or hydroponic growing mediums. Six different formulas now available to cover all growing conditions and stages of maturity.

N-P-K

10-8-14 **ECOGROW STANDARD**, for most plants and young plants under medium light and temperature

15-7-12 **ECOGROW "S"**, more nitrogen for more foliage and faster growth, subtropical formula

20-6-12 **ECOGROW "M"**, 20% available nitrogen for tropical plants or fast-growing plants, bright light

3-35-10 **ECOBLOOM**, low nitrogen and high phosphorus promotes flowering, resin production and maturity when they're ready! Maximum potency and quality on mature plants!

14-5-17 **ECOGROW "R"**, specially formulated for rockwool growing. Using chelated trace elements, it naturally counteracts the tendency of rockwool to go alkaline. Dissolves 100%.

6-25-17 **ECOBLOOM "R"**, specially formulated for rockwool bloom stage. Chelated trace, dissolves 100%.

• All ECOGROW formulas contain every major and trace element needed by your plants. pH adjusted and balanced! • Economical - one pound of ECOGROW or ECOBLOOM makes up to 96 gallons of high-potency plant nutrients. • Easy to use, 1-2 Tsp. per gallon of water. Feed normally. Can be broadcast dry around plants watered in! • Proven! ECOGROW since 1972 - an industry standard of excellence for the discerning grower worldwide!

ECOGROW can now be ordered factory-direct! VISA, MasterCard, UPS-COD accepted!

16 oz. bottle of Ecogrow Std. "S" or "M"	\$5.98
16 oz. bottle of Ecobloom	\$6.98
16 oz. bottle of Ecogrow "R" or Ecobloom "R"	\$7.98
5 lb. box Ecogrow Std. "S" or "M"	\$19.95
5 lb. box Ecobloom Ecogrow "R" or Ecobloom "R"	\$24.95
10 lb. box Ecogrow Std. "S" or "M"	\$32.50
10 lb. box Ecobloom Ecogrow "R" or Ecobloom "R"	\$42.50
25 lb. box Ecogrow Std. "S" or "M"	\$69.50
25 lb. box Ecobloom Ecogrow "R" or Ecobloom "R"	\$89.50

Metal Halide (H.I.D.) Lighting

400 W. Halide - 40,000 Lumens	\$155.00
1000 W. Halide - 125,000 Lumens	\$199.95

Mention this ad when ordering lights and receive 5 lbs. of free nutrient!

53 page HYDROPONIC GUIDEBOOK & CATALOG FREE
• 1989 EDITION, COMPLETE & INFORMATIVE •

DEALERSHIP INQUIRIES INVITED USE LETTERHEAD!

Telephone orders accepted, call ECO toll-free 1-800-426-6937
In WA call (206) 523-9300 525-4784

Prices listed do not include postage & handling
UPS shipping can be sent COD

Send to: **ECO ENTERPRISES**
Dept. E 2821 N.E. 55th St.
Seattle, WA 98105
1-800-426-6937

Please ship me

NAME

ADDRESS

CITY

STATE

ZIP

VISA or MasterCard #

Exp. Date

LETTERS

continued from page 75

POT LAWS

I liked your article on pot laws in the May '89 issue. I was stupid enough to bring two ounces into Nevada. I like going to the Mustang Ranch after harvest. Those girls go crazy for bud. It's a miracle I'm not in the Nevada State pen. After reading your article, I'm going to keep a lower profile.

--Swede

Marysville, CA

MAGENTA MOONBEAM

I found the article by Magenta Moonbeam (cool name) on page 24 of the August '89 issue very funny. Miss Moonbeam said she had been contemplating the vegetarian lifestyle and was "all choked up" over the news that some substances found in beef are cancer-preventing. Fortunately, eating is one of the last simple pleasures left that the government isn't trying to fuck with.

--The Wolf

Orlando, FL

Actually, the government has been messing with our food ever since petro-chemical industry lobbyists convinced them to encourage the proliferation of chemical agriculture. For over 50 years, our government has spread the use of dangerous pesticides, herbicides and chemical fertilizers (and poisoned our food supply and ground water), when they could have been spreading organic farming.

'SHROOM TEST?

I need to know if mushrooms are screened for or detected in standard pre-employment drug tests. If so, how long do they last in the body?

--M.M.

Brooklyn, NY

As far as we know, current drug tests include opiates, speed, cannabis, and cocaine. No one tests for mushrooms, LSD or other exotic psychedelics.

BACH FOR VICTORY

The Business Alliance for Commerce in Hemp (BACH) was formed to address the socio-economic impact of marijuana laws. If any readers would like to

continued on page 87

GROWING WITH THE BEST

FREE BOOKLET!
"CO₂" by Ed Rosenthal
FREE WITH EACH ORDER

The Best of Ed Rosenthal

MARIJUANA GROWERS HANDBOOK by Ed Rosenthal The most factual work about indoor and greenhouse cultivation. Contains all the information and details about setting up a high yielding garden.

- HYDROPONICS
- CLONING
- SEXING
- CO₂
- LIGHTING
- CURING

This will be the most helpful reference in your cultivation library. Complete index and over 100 photos. **251 pages, 5 1/2" x 8 1/2"**, Spiral Bound. **\$19.95**

MARIJUANA QUESTION? ASK ED by Ed Rosenthal. Features 450 questions from Ed's popular High Times column, updated and revised to include the latest grow information. With a comprehensive Table of Contents and a detailed index Answers to any conceivable question. **305 pages, 5 1/2" x 8 1/2"**, Spiral Bound **\$19.95**

MARIJUANA GROWING TIPS by Ed Rosenthal Share Ed's observations about his favorite topic • CULTIVATION • TRAVEL • POLITICS • MUCH MORE **126 pages, 5 1/2" x 8 1/2"**, Spiral bound, **\$15.95**

MARIJUANA GROWER'S GUIDE by Mel Frank and Ed Rosenthal This comprehensive survey of cannabis botany is the classic best seller on cultivation. A wealth of information on indoor and outdoor growing.

- Dramatic 16 page color section.
 - Detailed index & bibliography
- 326 pages, 5 1/2" x 8 1/2"**, **\$19.95**

Your Source for Cultivating Information

MARIJUANA GROWER'S INSIDER'S GUIDE by Mel Frank Find out what's new from the co-author of the classic Marijuana Grower's Guide. Covers many aspects of cultivation in easy to understand terms. **380 pages, 6 1/2" x 9 1/2"**, **\$19.95**

INDOOR MARIJUANA HORTICULTURE by Jorge Cervantes. This book is especially valuable for the beginner as it walks you through all steps in setting up a grow system. Case studies are included, as well as a look at three successful growers. **288 pages, 5 1/2" x 8 1/2"**, **\$16.95.**

MARIJUANA: THE ROCKWOOL BOOK by Jorge Cervantes. Learn the most productive methods for growing in Rockwool as used by scores of successful growers. Includes detailed info on Dutch Ebb & Flow methods, EC, pH, cloning & harvesting. Offers easy to understand step-by-step examples plus many photos, drawings, & charts. **150 pages, 5 1/2" x 8 1/2"**, **\$14.95**

CHARGE BY PHONE 1-800-428-7825 Ext. 102

24 Hours a day, 7 Days a week



Marijuana Growers Handbook	\$19.95	_____
Marijuana Question? Ask Ed	\$19.95	_____
Marijuana Growing tips	\$15.95	_____
Marijuana Grower's Guide	\$19.95	_____
Marijuana Grower's Insider's Guide	\$19.95	_____
Indoor Marijuana Horticulture	\$16.95	_____
Marijuana. The Rockwool Book	\$14.95	_____
Subtotal		_____
CA residents add 6 1/2% sales tax		_____
UPS and Handling	\$4.00	_____
P O Box delivery add \$2.00		_____
TOTAL		_____

Quick Trading Company

P.O. Box 477 San Francisco, CA 94101

Name _____

Street _____

City/State/Zip _____

I am enclosing ☐ Check ☐ Money order for \$ _____

☐ Bill my Mastercard / Visa

Exp. Date _____

Card# _____

Signature _____

I am 18 years of age or older

ALL PRODUCTS ARE SENT TO YOU IN A PLAIN PACKAGE. OUR MAILING LIST IS COMPLETELY CONFIDENTIAL. WE DO NOT SELL OUR MAILING LIST. QUICK TRADING COMPANY SERVING YOU SINCE 1974 WITH COMPLETE CONFIDENTIALITY TO OUR CUSTOMERS.

ASK-ED

continued from page 72

Garden #4

This was our first try at growing under a 1000-watt, meta. halide bulb. They were started from a stash which we named Bubble Gum *indica* for its taste. Fifty seeds were started. They were grown vegetatively for two months and then budded for two months.

Big Al
Massillon, OH

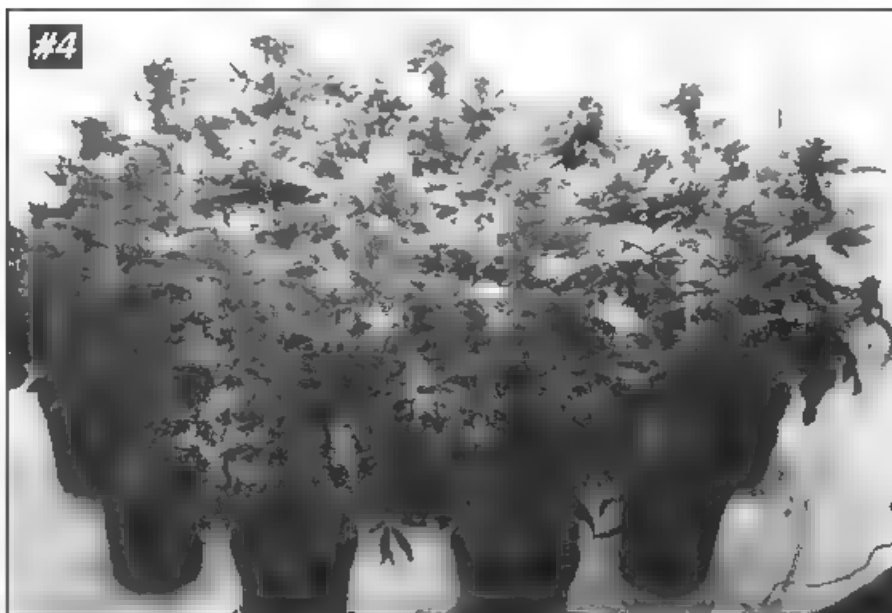


Garden #5

The garden is female clones of different strains. A small fan keeps them cool and the air moving. Everything is labelled so I know at a glance the age, mother, and node set it came from.

I have eight trays. They work great. Just look at these roots.

--Todd
Madison, WI



• I welcome comments, tips, and questions regarding marijuana and marijuana cultivation. Send all letters to Ask Ed, HIGH TIMES, 211 E. 43rd St., New York, NY 10017. Also send entries for the Bud, Plant, and Garden of the Month Contests. All correspondents whose letters or photos are used will receive a free copy of my book, *Marijuana Growers Handbook*, Indoor/Greenhouse Edition.

• By submitting your photograph(s), you hereby grant permission to publisher to reprint the photograph(s) in HIGH TIMES magazine as well as any other Trans-High Corporation publications.

ASK ED is now available by telephone 24 hours a day—365 days a year. Just dial 415-995-2-P-ZERO-T and you can get some good advice. The message is changed every two weeks, on the 1st and 16th of the month. You can also leave your questions on the ASK ED HOTLINE if you call from a push-button phone.

LETTERS

contact us, our address is PO Box 71093, Los Angeles, CA 90071-0093.

--Chris Conrad,
National Director
Los Angeles, CA

HELP THE LEADERS!

Six months ago, when my son began talking about the "marijuana movement," I thought it was just a phase he was passing through. Then I started to read a book he brought home titled *The Emperor Wears No Clothes* by Jack Herer. I found it to be the most informative book I'd ever read on the subject of hemp legalization. For the first time, I started to listen to my son about the drug issue. Very much to my surprise, I found myself understanding what he was trying to tell me. Some of these activists like Jack Herer and Dana Beal have been working for legalization for over 20 years! How long can these men last without our help? They have spent their youth fighting for our rights and to save the planet and it is HIGH TIME we showed our appreciation by joining the fight! Abbie is gone, and all too soon these other activists may join him. Please don't let their hopes and dreams die with them. Get involved

--C.B.
Taunton, MA

Thanks for a great letter.

AUTHOR A FOOL?

I just finished reading the July '89 issue. Congratulations are in order for the growers of the garden, plant, and bud of the month. It's probably the nicest combination of the three I've seen in HT. The story about growing in Hawaii was interesting, but it seems those three people were pretty raw rookies at the time "The Bright Side of the Light" was good, too. But the author was/is a fool for using junk. I hope he's off the stuff.

Here is the truth from one who knows. Hawaii is hot. It was cool until the mid-'70s, then it just went to shit and I split. I miss the waves, the women, the mountains, and the sheer beauty of the place. But I've had better weed in Northern California. It's easier to grow here in the states' more land, fewer thieves. Stealing is rampant on the islands, especially after coke arrived. That was the last thing they needed.

--J.K.
Edgewater, FL •

Need NEW ID? PRIVACY?



How to get new ID from government sources. State ID's, Birth Certificates, Drivers Licenses, new SSN, Passports, Diplomas, Degrees by mail. Get better jobs. Cover negative records. Solve fingerprint problems. Disappear. Start life over!

#1 ☐ \$17.95



Clear bad credit. End debts. Establish new credit. Receive all kinds of credit cards. Establish new credit. Clever credit maneuvers. All your "credit rights" and more!

#2 ☐ \$12.95

HOW TO BEAT THE BILL COLLECTOR. Sharpest rules of the credit game.

#3 ☐ \$7.95

100 WAYS TO DISAPPEAR. Inspiration for privacy.

#4 ☐ \$5.95

Create your own privacy! Discover best low-profile methods. Financial privacy. Cash income opportunities. Banking alternatives. Secret hiding places. Avoid violence, surveillance. Hide your assets. Protect mail, telephone. Using other "names." Disguises. Codes. Hideouts. Deep cover. Multiple addresses, and more!

#5 ☐ \$18.95



More on new identity. Legal name changes. How to disappear using legal changes. Adopt an alias. Laws on fake ID. "Take-over" ID. Codes used on drivers licenses, SSN, military SPN. Avoid passport problems. Do-it-yourself ID. Sources of private-issue ID. Much more!

#6 ☐ \$19.95

SPECIAL COMBINATION OFFER
SAVE 40%! All 6 Books only \$49.95 ☐

Total of Order: \$ _____
(Calif. residents add 6% sales tax)

Postage & Handling { Fourth Class ☐ 2.00
(Your choice) { FIRST CLASS ☐ 5.00

TOTAL: \$ _____

SEND TO: ☐ Send current Book Catalog -- FREE

Name _____

Address _____

City _____ State _____ Zip _____

EDEN PRESS • 11623 Slater "E" • Box 8410 TH • Fountain Valley, CA 92728

Plant Hormones
Amazing Results
Totally Unique
Absolutely Safe



Plantastic
PLANT
PRODUCTS

Do you want more female plants with virtually no extra effort?
Do you want to maximize your yield within the space you have?
Do you want a product that works in soil or hydroponics, indoors or out?
Are you using any plant hormones now?

SENSA-SOAK

Agerminating fluid to promote more female plants from the very beginning of cell division in the seed. Up to 95% females produced in some tests. Contains a special cytokinin. Just soak your seeds.

SENSA-SPRAY

A foliar spray to increase female flowers and decrease male flowers. All it takes is to spray before the plants start blooming. Produces ethylene to force feminine traits.

POWER BLOOM

Shortens vertical height, eliminates wasted plant energy. Encourages lateral growth. Produces compact, sturdier plants with better overall vigor. Promotes more females with more numerous, bigger and earlier maturing buds.

AVAILABLE IN MANY DIFFERENT SIZES

PLANTASTIC is now operating on a WHOLESALE basis only. Purchases must be made directly in-person or by mail order from a nursery, garden supply or hydroponics store.

☐ Send me a FREE brochure with more information about the products.

☐ Send me a list of the stores carrying PLANTASTIC PLANT PRODUCTS.

MAIL TO:

PLANTASTIC PLANT PRODUCTS
1442A Walnut St. • Berkeley, CA 94709

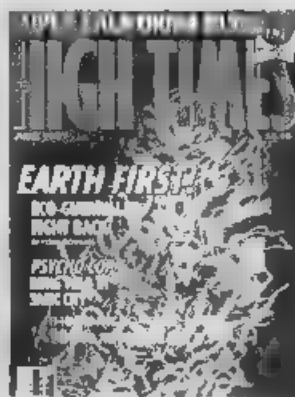
INQUIRE AT YOUR LOCAL GARDENING SUPPLY FOR AVAILABILITY OF PLANTASTIC PLANT PRODUCTS.

Happy Anniversary

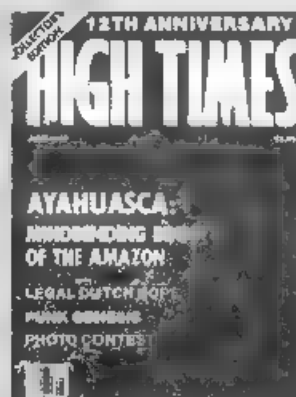
Every year, we try to do something special for you readers in our Special Anniversary Issue. Here's what we've done in years past.



June 1988 No. 154
Electronic Drugs. Safe, Legal, Available Now!, Heavy Metal, One Fan's Perspective; Koh Samui: Sex and Drugs in Thailand; Grow Rooms For Under \$50, The Motion of Light in Water (by Samuel R. Delaney).
\$5.00



June 1987 No. 142
Psycho Cop Runs Wild in Sauk City (by Steve Hager), Earth First! Eco-Guerillas Fight Back, Grower's Alert, 13 Lucky Years With HIGH TIMES Hair: The Ultimate Culture Threat.
\$5.00



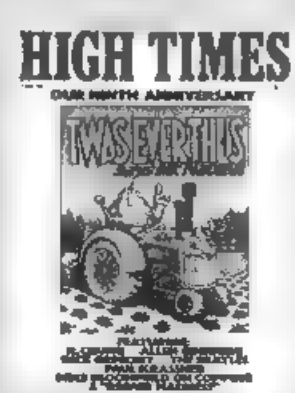
June 1986 No. 130
Ayahuasca Tripping in Amazonia, How to Avoid a Pot Bust, Punk: Genesis on the Bowery (by Steve Hager); Acid Dreams, Dutch Treats; Reader's Photo Contest, The Great Indoors, Growing Great Pot--in Water!
\$5.00



June 1985 No. 118
Major League Loaded (by Legs McNeil), Pot Paradise: Amsterdam's Coffeehouses (by Ed Rosenthal); East L.A.: The Chicano Culture of El Barrio; Warner Herzog's Strange Visions.
\$15.00



June 1982 No. 82
Sex & Drugs & Tom Forcade (by Dean Latimer); Interview, "R," The Dope Connoisseur; Sneak Preview: Conan the Barbarian, Into the Nightlife; You Can't Get No Satisfaction?
\$5.00



June 1983 No. 94
Fabulous '60s Issue; Tales of the Zen Bastard (by Paul Krassner); Copping (by Michael Bloomfield); I Remember the Sixties (by R. Crumb); Songs of the '60s Experience (by Allen Ginsberg); Reefer Madness
\$5.00



June 1984 No. 106
Tom Forcade Interview; Marijuana and Health, Tenth Report to the U.S. Congress, What to Feed Your Plants, Interview: Dean Latimer, The Fifth Column Monarch Mania.
\$25.00

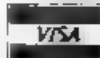


October 1989 No. 170
The Ultimate Hippie: The Life and HIGH TIMES of Thomas King Forcade (by John Holmstrom); Hemp for Victory, Low Budget Growrooms; Vitamin K, Touring the Golden Triangle.
\$5.00

CALL TOLL FREE FOR ORDERS ONLY

800-435-0715

In IL. 800-892-0753



☐ Payment enclosed
☐ MasterCard ☐ Visa

Card # _____

Expiration date _____

Signature _____

CHECK BOX:

☐ ISSUE #170 PRICE \$5.00
☐ ISSUE #154 PRICE \$5.00
☐ ISSUE #142 PRICE \$5.00
☐ ISSUE #130 PRICE \$5.00
☐ ISSUE #118 PRICE \$15.00
☐ ISSUE #106 PRICE \$25.00
☐ ISSUE #94 PRICE \$5.00
☐ ISSUE #82 PRICE \$5.00

TOTAL

HIGH TIMES BACK ISSUES

P.O. Box 410, Mt. Morris, IL 61054

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

PARTY

SHOG THE TUBE THE GUY
PSYCHEDELIC

HEY, WE
JAMMIN'

INTRODUCING:



Dreddy Duck

by Chef Ra

ART BY
Plickford

TWELVE PRETTY SWELL REASONS TO VISIT
A COMIC SHOP by Lou Stathis • ROCK and
ROLL GYPSIES by Chef Ra • REEFER RODENT
by Harry Meadows

Origin of Freddy Duck

Once upon a time there lived a small family of **HOMELY, BORING, MUNDANE DUCKS**. These feathered creatures lifestyles were totally P.G. rated. Straight DUCKY Dudes. Mother had just laid some **EGGS...**

But the pond they hung-out in was no ordinary swimmin' hole. It was surrounded by **TALL GANJA PLANTS!!** **OOZING, PREMIUM, INDICA BUDS!!!**

While sitting her feathered **ASS** on the nest one day, a strong **WIND** blew accross the pond. It was **HURRICANE GILBERT!** **GILBERT HAD COME TO MASH UP THE PLACE!**



Mother DUCK thought she was safe by the **DRINKIN' SHED**.

But luck was to turn as hard as day ole **DOG SHIT!** The herbemen who were hiding from the storm had their kerosene lamp **SHOOK ONTO THE FLOOR!**



Soon the whole **SHED** was **AFLAME!** Everybody started **RUNNIN'!** **TIME TO GIT THE FUCK OUTA DODGE!**

Leaving one egg behind. That **DUCK EGG** was soon to be poached, it was surely **SMOKED!**



the **EGG CRACKED** from the intense **HEAT!** The sucker was smoldering!

Out of the smoke laden embryonic psychedelic **HELL HOLE** emerged... **A WHACKED-OUT DREAMED SUPER DUCK!**



A DUCK WITH A DESTINY!

Freddy Duck!!

Mother DUCK grabbed her **EGGS** an' ran to the pond...

The years passed and Dreddy was clearly different from the other DUCKS in the pond. Dreddy would spend hours smoking the finest killer LAMBS BREAD!!



Dreddy played so much hooky that he never learned to swim. A DUCK who couldn't swim was unheard of in DUCK SOCIETY!



Dreddy didn't let the Babylonian DUCKS blow his HIGH! He left Ganja Pond.

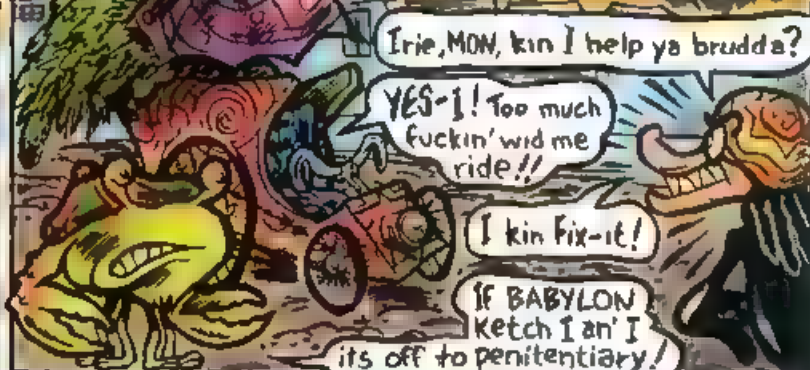


He waddled over HILL and DALE looking for a place a DUCK could live in peace. But all the world wanted was a piece of his BSS!

Before long Dreddy made his way to a small village nestled in the hills outside Lucia.



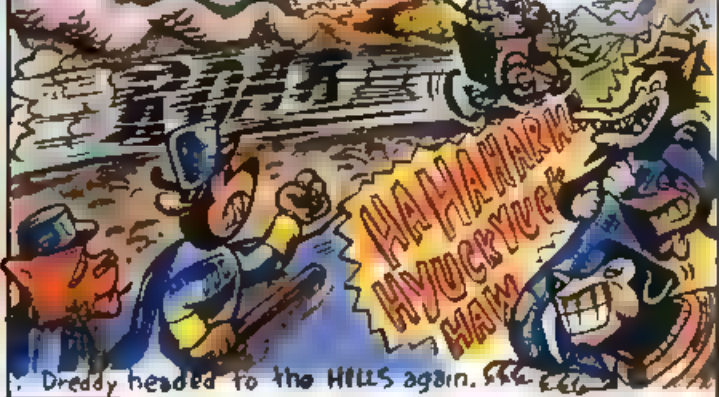
All of a sudden, Dreddy ran into a DUDE tryin' to fix his vehicle.



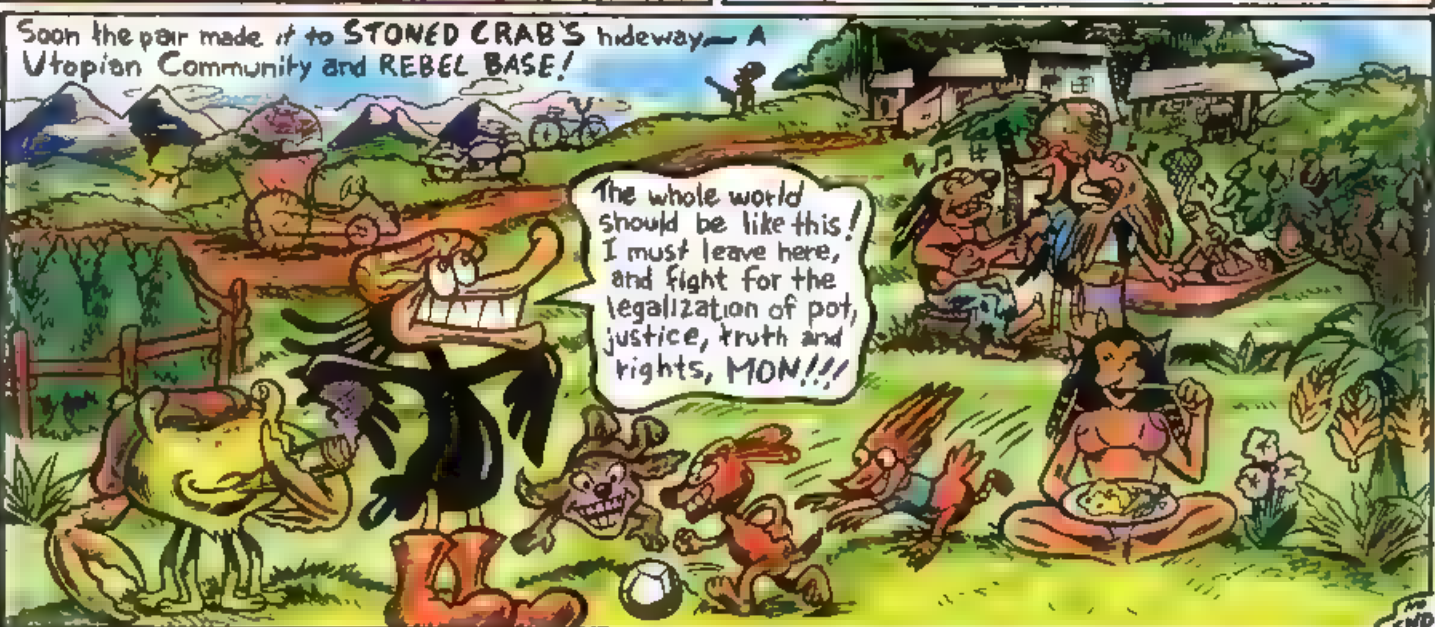
Dreddy really didn't know how to fix the go-cart and a large spark hit the dry bales...



...alerting the NARC-COLONEL BUMBLOT! So...



Soon the pair made it to STONED CRAB'S highway—A Utopian Community and REBEL BASE!



THE END

PSYCHEDELIX

by BERNARD MORRIS



Ten years ago, independent records were produced exclusively by "punk" or "new wave" music acts but for the last few years psychedelic music has been taking over as the music of choice on indie labels. Here are a few of the records I call "Psychadelix"—modern or '60s-inspired psychedelic records



TRIP HEAD ENJOYING AWARD: *The Inn's* self-titled debut album cover looks like what the rambling, jamming, noodling record inside the sleeve sounds like. Although they're not yet "The New Grateful Dead," there are a few good songs on it, notably "Soon". The strangest track on it is "Roy G. Biv", a 24-minute jam session featuring one of those loooooong, love 'em or hate 'em, drum solos. The Inn are led by Mitch Cooper, formerly with Fetchin' Bones. (The Inn, P.O. Box 25523 Charlotte, NC 28229-5523)



PEACE SELLS: *The Bamn Slam* is not an independent record, it's on Warner Brothers, but it's been marketed to look just like an independent, probably because WB figures they've got a budding genius on their hands

(in the tradition of *Tubular Bells*, the whole record was written, produced, arranged and performed by somebody named Roy). The first time I played *The Bamn Slam* it sounded pretty good: upbeat, fast rock 'n' roll sung by a woman with a very strange voice. Then I noticed that my record player had been set at the wrong speed—45 RPM. At the proper speed, this record became dreary, boring sludge rock at its worst. The only reason I can think of that Warner Brothers Records put a peace sign on the cover (badly drawn, I might add), is that Prince, another self-styled, pretentious corporate rocker, also used a peace sign on a record cover recently. Record company executives must figure that peace sells.

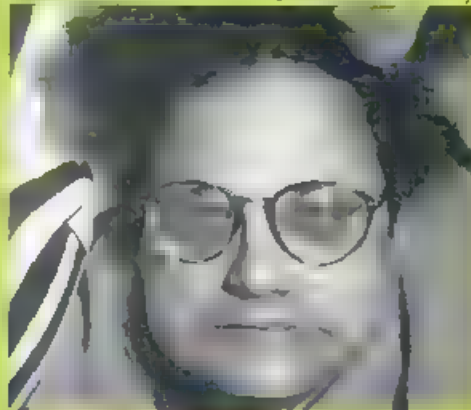


FORGET THE '60s: All fans of early '70s rock should listen to the latest from King's X, *Gretchen Goes To Nebraska* (Megaforce). Their approach to heavy metal is similar to bands like Queen, Uriah Heep, or Rush, but King's X has a more listenable, commercial sound. Although this is only their second album, King's X are already successful commercially. One listen to *Gretchen Goes To Nebraska* and you'll know why.

STREET MUSIC?: The other day, I picked up a platter I hadn't seen in over twenty years—*Silver Apples*. I guess they were the first-ever synthesizer band, since all of the music was produced by vocals, percussion or electronic instruments. (The group had only two members: Dan Taylor on "percussion-vocals" and Simeon on "the simeon-vocals"). It's far from the slick sound

you expect from electronic music today: it's crude, bizarre, and jammy—sometimes nothing more than a series of beeps, boinks, and feedback, but the simplicity of their music is wonderful. *Silver Apples* features "Dancing Gods", a Navajo Indian ceremonial song handed down through generations. I don't know whatever happened to these guys, but they always represented a high point of '60s psychedelia to me.

HARDCORE PSYCHEDELIA: *Hits of Acid* by Bomb can best be described as hardcore punk-rockers who are really getting into acid, and as a result make great BAD TRIP music. Songs like "Healthfood and Heroin", "Vagrant Vampires", and "Smile and Pose" manage to be awful, brain-deadening, interesting, mind-expanding and well-produced all at the same time. (Bomb, Box 1210, San Francisco, California 94101.)



EUGENE MAKES GOOD: Eugene Chadbourne phoned *HIGH TIMES* recently to say he noticed that the editors are searching for marijuana protest songs, and wanted us to listen to his own. Eugene Chadbourne, as we all know, is a former draft dodger who has become the leading psychedelic/heavy metal/jazz/country musician of our time, famous for both performing with an electric rake and as the former leader of the group Shockabilly. Mr. Chadbourne sent us three LPs that contained marijuana lyrics: *Vermillion of the Blues* contains the folksy "Breaking the Law Every Day"; *Country Protest* features the more electric "Chopping Down Weeds", and "It Takes Longer Saying Yes Than No" appears on *I've Been Everywhere* (Fundamental Records). All three songs are biting, satirical, intelligent, and original. It's likely that Eugene, throughout his long career, will never have a Top Ten record, because he's obviously not interested. Then again, the English press has picked up on him and has hailed him as the next genius of rock, so he could become another music phenomenon if he's not careful. ●

RASTA RECIPES

by CHEF RA



Since the dawn of the "Age of Aquarius" a new lifestyle has structured itself out of the ashes of everyday, boring, middle class humdrum! People are yearning to bust out of the static, modernist lifestyle engulfing the nation. The Fans are ready to torch the "go to school, work, buy, die" ethic! Cultural experimentation has created a new lifestyle. The sperm has finally met the egg and the fuck'n has never been better!! The Hippie Earth-Mother has spawned a new Rock and Roll Monster! **The Rock and Roll Gypsies!**

The Tour

The Grateful Dead Midwest tour was

such a gas this year. Chef RA's Band of Gypsies started the "Road Trip" off to Deer Creek, Indiana. Naturally my "Rasta Rider" homed in on the Greatest of Ganga Groupies. The Infamous FATTY CLUB of CAL! Let me tel. you, these Hippies don't fuck around! The Fatty Club rolls joints as big as a swollen pee-pee! This is the life! **Ultra-highness rules the day!** Little Sweet Pea and her family of musicians have locked themselves out of their car. Of course the tickets to the show and all the drugs are in the car. Locked out and too high! What's great about being on the road is the fact that you know everybody is not

from the same town. You meet culturally and geographically diverse people! The spirit level of your high is intense because of this.

After being on the road for awhile you lose yourself. You learn to go with the flow. You become *Lost in Space!* So upward and onward goes the Chef RA toward the ultimate summer festival. Alpine Valley, Wis and the Grateful Dead Shows!!

Dead in the Water

Dark clouds loomed over the Wisconsin skies as I made my way into the vast Alpine Valley parking lot. Security guards waved me into the crowded lot. "This way keep moving, this way buddy," the parking attendants barked at me. I followed their directions.

"All of a sudden the guards disappeared and I found myself alone, facing a field of pure fucking mud! Lemmings over the cliff, was a lemming! Stuck in the mud, higher than shit! Bail out, RA, bail out of this pie of dung. So off I trot toward the shows tripping my brains out on 'shrooms and herb, smiling all the way. Along the way I ran into Ben Mase! John and the Dye-Works folks from the farm. Jack Herer and the Hemp for Victory Crew were too high! I just love the sweet potpourri of people and culture that I get on tour! I get to meet all weird folks! Calico from the Hog Farm and a lot of folks I've always loved were on the scene. The everyday folks were there too, so much fun to love and be loved. Chef RA cooked up a bunch of Rasta Pasta for all the Deadheads. The last thing I remember is a "contented" happy hippie walking off with a plate of Rasta Pasta saying, "The Kind Rasta Pasta, The Kind Chef RA!" ●

Chef RA's Kind Quiche

Anything that is nicknamed "The Kind" at a Grateful Dead show is basically known to "blow your mind." So Chef RA's new dish is no different. Quiche is not for men; quiche is for the head! So dig into this dish.

Super Shroomin' Quiche

1 pastry pie shell (12 inch unbaked)
1/4 oz. of Magic Mushrooms or
1/2 cup chopped regular shrooms
3 eggs
1 cup of cream
3 cloves of garlic
1/2 teaspoon black pepper
1/2 teaspoon West Indian curry
2 green onion stems
1/2 cup fresh spinach
1 cup cheddar cheese
1 tablespoon white wine

Bake pastry shell at 350 degrees for 15 minutes. Mix egg, cream, and white wine in a bowl. Add spinach, mushrooms and onions into mixture. Pour mixture into shell. Cook for 35 minutes at 375 degrees or until you can insert a knife into pie and it comes out clean. Let sit for 20 minutes. Serves seven super-freaky Deadheads!

SHOOT THE TUBE

by MIKE EDISON



"Television can make young people into good, responsible adults."
--Joe Franklin

Jack Webb understood that television is a medium that doesn't necessarily require subtlety. No cop has ever been more serious than Joe Friday and few shows have ever been funnier than *Dragnet*. The 50s episodes were brilliant: poker-faced old men in worn-out suits, relentlessly chain-smoking, unyielding in their quest for "just the facts." There was no romance here, no sex, no cowboys with machine guns, just Friday and Gannon doing their jobs. They were cops. And when flower power came on, Jack was right there to show us just how trying the times really were—remember one particularly potent episode that highlighted some teenagers tripping on LSD, doing such zany things as chewing on trees and eating paint at an acid party? The climax of the show came when Friday caught a young man with a pawful of sugarcubes.

"What's in your hand, son?" Friday asked the bewildered youth.

"Keys, man. Keys to the kingdom," the young man beamed, shortly before hallucinating that he was a train. "WHOO WHOO!! I'M A TRAIN, MAN," he belowed, knocking over a table. Sure it was exploitative, alarmist, hyped-up, antihippie trash, but it was also funny, perverse, absurd, highly entertaining and dated the moment it hit air, cruising the fine line between the ridiculous and the sublime.

They don't make 'em like that anymore. The only drugs you're going to see on the tube now are the evil undertakings of tough talking thugs who would walk on the r grandmother's throats for a fast buck, slicked-back gangsters who peddle crack to schoolgirls. And they always get what they deserve, namely filled with lead by the resident cop-hero, butchered with Uzi fire because violence never goes out of style. Neither does sex.

But drugs certainly have. Gone is the time when networks weren't afraid to show you someone getting stoned. Usually some longhair from Central Casting hiding out from *Starsky and Hutch*. Or some high-class city folk carvin' up a line in the made-for-TV version of a Harold Robbins novel. *Baretta* was a good show. The heroin dealers dressed like pimps and the soundtrack was spattered with cool wah-wah twang, *Superfly* style. They was bad, but they was cool.

How long ago was the sickeningly vile episode of *Facts of Life*, where one of these

boarding-school tart discovered a bong in a friends room and—now get this—did not question that it was for "jelly beans." This had to be a classic moment in modern TV (forget for a second the fact that this show is a complete lapse of taste and decency), a sit-com that revolved around a bong. We needn't say this ruse was soon discovered and a stern message about the dangers of pot smoking was thusly delivered. But I'm telling you, that was an advanced plot.

Things are so repressive these days that no one even smokes cigarettes on TV anymore except for the heaven-sent Peg Bundy, who is not afraid to stab her smoldering butt into her breakfast plate.



Those dudes from Dragnet look pretty cool...

(One has to wonder if Kelly and Bud are smoking pot in the schoolyard.)

Gone also is the funny drunk. Broadcast television stands up as a barometer of the state of our culture, and in these times of drug and drink paranoia, drunks are no laughing matter. The other night I was doing a little research, watching an old episode of *One Day at a Time*, and the biggest guffaws were coaxed out of the studio audience by the basest of slapstick—Ms. Romano's ex-hubby, tanked to the gills, creating a brouhaha in a restaurant, staggering through the first half of the show in his underwear. The next day, even his hangover was funny. I guarantee you will not see this scene repeated soon without endless preaching and most likely a pitch for Alcoholics Anonymous. (Which isn't necessarily a bad thing, but you know there's a time and a place.)

I remember a wonderful public service ad

they used to run, with an animated rabbit as the spokesman. The message was "it's OK to share a carrot (read *joint*) with some friends" but stay away from hard drugs. Very sensible. What we've got now is a political situation where the networks have been emasculated by this War On Drugs, no broadcaster in his right mind's going to show anything that even remotely appears to glorify drug use, be it booze, buds or blow. The American public is just too acutely aware of what's considered our nation's number one problem. The distinction between sniffing glue, smoking marijuana and shooting heroin is becoming obscured and yinch mobs in the guise of med-a-watch groups are monitoring the airwaves, pen and paper in hand, ready to flood the mailrooms of network sponsors if they deem any televised action offensive. And with few exceptions, the networks have never been known for taking chances. God forbid they offend anyone, and at this late date, nothing's more upsetting to the flag-waving public than drug use. No scene of carnage on *Miami Vice* will ever be protested as long as



compared to 21 Jump Street's teen narcs.

it's the heathen drug dealers being slaughtered in slow motion. Violent cops are always romanticized. It's an American tradition.

The worst thing to come of all this is 21 *Jump Street*, the single most offensive program since *The Donna Reed Show*. In this subversive piece of shit, they've turned teenagers into narcs, no doubt with dangerous brainwashing techniques involving Lite Beer enemas. The perverts. This is a helluva message to be sending out—it makes me yearn for the days of *Welcome Back Kotter*, when it was plenty cool just to be stupid.

For now it looks like the weed will have to remain in front of the TV, on the coffee-table, next to the remote and within easy reach. I'll be poring over *Dragnet* reruns on cable, just waiting for the day when Don Johnson and Johnny Depp finally dry up and go away. ●

UNDERWORLD

by LOU STATHIS



Yep, it can be a mighty daunting thing for the casual comic consumer to wander into a comic shop expecting to find something to read. Comic shops by the thousands have been springing up all over the place for the last 15 years, to the point of taking over from newsstands as the primary distribution pipeline for graphic-story th ngamabobs of all types. But unlike bookstores, where things are arranged by subject for the convenience of the browsing reader, comic shops are set up with the huge dollar-armed horde of adolescent fanboys in mind—which means the things are jumbled together by publisher, with this week's shipment of new ones featured up front so the little vultures can, with a minimum of effort, swoop in and grab their ration of two of each (one to read, one to bag).

But let's say by lucky happenstance you ain't a trolling teenage comic-book omnivore stocking the archives, or even an outwardly normal adult with a long-nurtured fondness for endless superhero sagas and/or wh ng tales of alienated mutants—where does that leave you? In the dark, if you don't know exactly what you're looking for. But persevere—try not to be too put off by the overwhelming supply of xerox-similar puerile product, because lurking behind all that embarrassing stuff are a few pretty swell examples of artful, visual narratives that jazz the eyes and jack the brain. Herewith are a dozen good reasons to brave the chattering fanboy swarm.

1) *Yummy Fur* (Vortex, bimonthly)

My current favorite of all regularly published comics. **Chester Brown's** indescribably wacky meditation on sex,



defecation, and the life of Jesus Christ never ceases to wig me out. One of the few books on today's scene that packs the obsessive energy, singularly depraved vision, and subversive belief system of the best '60s undergrounds. Long may it offend.

2) *Neat Stuff* (Fantagraphics, 3x yearly)

Far too infrequent mag-sized comic by prime wackster **Peter Bagge**, a graduate of the Holmstrom/King goofball school and ex-editor of *Weirdo* (85-87, its best years). Bagge has grown remarkably from his beer/vomit/snot gag days, beautifully stylizing his idiosyncratic drawing technique and crowbaring depth under his characters'



skins. The sense that his best work is still to come spits out of every snazzier-than-the-last issue.

3) *Melody* (Kitchen Sink, quarterly)

The better of the two stripper/exotic-dancer comics this small underground-surviving publisher puts out. *Omaha*, *The Cat Dancer* is the other, and while it ain't bad it lacks the verisimilitude, dark undercurrent, and ingenious sincerity of *Melody*, the autobio of pro-wiggler **Sylvie Rancourt**, drawn by **Jacques Boivin**.

4) *Love & Rockets* (Fantagraphics, quarterly)

My interest in this one waxes and wanes according to its creators' inconsistent grasp of their material. Artists/writers/brothers **Jaime** and **Gilbert Hernandez** excel at depicting their characters in microcosm—Jaime's teenage girl-punk clique, and Gilbert's Central American village on the edge of forever—but seem unsteady when they attempt to cross over into the larger, more complex real world. Nonetheless, this crowd-pleaser's always worth the buy, cause both siblings are ace scribblers and storytellers.



5) *American Splendor*

Drano-throated agitprop-spouting Letterman guest and crusty Cleveland crank **Harvey Pekar** self-publishes this annual collection of illustrated vignettes ripped from the notebook of his mundane life (illustrated by a variety of pensmen). Voyeuristically fascinating and nakedly self-revealing stuff that pays off not with perfunctorily engineered narrative resolutions but cumulatively effective stench of life epiphanies.

6) *Weirdo* (Last Gasp, quarterly)

Could be considered the *Zap* of the '80s, if that sort of lame-hype comparison means anything to you. Best way to keep up with **R. Crumb** (he provides a cover and eight-page story every issue), and sample some of the most interesting new bent talents from the underbelly.



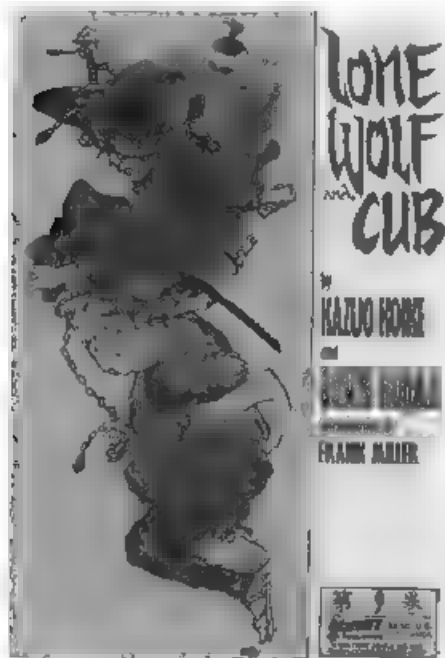
7) *World War III Illustrated*

Descendant of such politically strident undergrounds as *Slow Death*, this sort-of annual is the brainchild of a group of NYC rabbi-rousers led by **Seth Tobocman**, **Eric Drooker**, and **Peter Kuper**. Addresses issues that affect the planet, the neighborhood, and the body with a

hardboiled realism and capacity for outrage far to too scarce in these morally lean times

8) *Lone Wolf and Cub* (First, monthly)

Comics are a mega-biz in Japan, and this samurai super-saga is one of the most popular (spawned a series of movies). Like most Jap-comics, this one's far bloodier than roundeyes are used to (lots of slashing swords, splashing blood and severed limbs), but a lot slower paced as well, so



eager adolescents'll probably get antsy between gore-fixes. It's obviously meant for adults, as evidenced by Kazuo Koike's writing, pregnant with moral nuance, and Goseki Kojima's art, alternating airy brushstrokes with speedfreakishly dense detail

9) *Akira* (Epic/Marvel monthly)

Another import from the Land of the Rising Sun, this one's a near-future post-bomb, motorcycle-punk story colorized for Yankee consumption. Writer/artist Katsuhiro Otomo's vision is highly



cinematic (he directed an *Akira* animated feature that's available on vid-cassette) with a sharply rendered drawing style bound to be buyer-friendly on this side of the Pacific

10) *Kings In Disguise* (Kitchen Sink, bimonthly)

A six-issue min-series that'll be wrapped by the time you read this. *Kings In Disguise* is well-worth tracking down (see your back-issue pusher). The plainly told story of a young boy's search for his father in the Depression's hobo-underground, this is that shamefully rare kind of solidly satisfying work that pops up out of nowhere, orphaned

from tedious mainstream traditions, that should be the very stuff that comprises that mainstream

11) *Reid Fleming, World's Toughest Milkman* (Eclipse)

Infuriatingly infrequent (three issues in three years), this is a dizzyingly extraordinary piece of hilarity from artist/writer David Boswell. It's the insane story of a vicious sociopath rebounding his way through a circus sideshow of unpleasant freaks and whiners, to consistently surprising ends. This is one of those things that makes you shake your head in awed wonder and get increasingly cranky as you wait months/years for the next issue (Boswell's supposedly been working on a Reid Fleming screenplay). More

12) *Black Kiss* (Vortex, monthly)

Perhaps it's disingenuous of me to include this, because I edit the thing (and profit by its success), but hell—if I didn't get it for free I'd be buying it, 'cause it gives me the same sick thrills that novels by Charles Willeford, Jim Thompson, and James Ellroy do. Writer/artist Howard Chaykin is already one of the slickest, most graphically arresting artists in the biz, and with this he proves he's one of the best writers in comics as well (which is a real achievement, even though good comic writers are about as plentiful as pogo sticks at an amputees' convention). Buy it and make me rich ●

REEFER RODENT



ALL EYES ARE ON... THE

TOP 100

1. **NORML**
2. Lilith's Boyfriend Bob
3. Woodside Wrecking Crew
4. **LEGALIZE POT!**
5. **FUCK CHRIS + GREG'S**
PARTY HOUSE CHICAGO SUCKS
6. **SEX**
7. CHRIS + GREG'S THE ORIGINAL,
ONE + ONLY PARTY HOUSE
CHICAGO'S NORTHSIDE
8. **THE REEFER HUT** CANNON BEACH, ORE
9. **KELLY BUNDY** BOON BOON
10. BLACKJACK FOR BONG HITS
WITH ROASTER + HLTZ
11. **LED ZEPPELIN**
12. CHRIS + GREG
SMOKE YHUBA GOLD
13. **NAKED RAYGUN**
14. SAVE THE RAINFORESTS
15. **ASKED**
16. BONG HITS WITH
THE BUNDYS
17. FIRST ANNUAL ALL-STAR
SMOKE-DOWN AT GRAND VALLEY
18. NO DRILLING OFF
FLORIDA COAST
19. **WFMU 91.1** BILL KELLY
THE HOUND
DAVE THE SPAZZ
20. **Eek-A-Mouse**
21. RT's Bong Parties
RT
22. **GRATEFUL DEAD**
23. HIS HOLYNESS THE DALAI LAMA
24. **PEACE**
25. THE ROAD TO HANA
(MAL) -RT-
26. Scotty's Big Pup!
27. BOB MARLEY +
THE WAILERS
28. &
29. **JIMI HENDRIX**
30. LONG REFRESHING **BONG HITS**
31. BEING IRIE AT
REGGAE ON THE RIVER
32. HANGING UP ON
TELEPHONE POLLSTERS
33. CRISPY CRITTER
CLUB
34. JUST SAY NO
TO DORITOS
35. **SONIC YOUTH**
36. Just Say **OK**
37. **DOBBIE BUDS**
38. GOODBYE BLOOM
COUNTY! WE'LL MISS YA
39. **BLUE OYSTER CULT**
40. WHO KILLED ABBIE?
41. **L'ING COLOUR**
42. **VICAT SISTERS V**
43. CALIFORNIA
J.P. SMILLIE'S
44. I LOATHE THE
GRATEFUL DEAD
45. **'90s Revolution**
46. **RUDE DOG**
47. MINNESOTA
GRASSROOTS PARTY
48. MAILING LIBERAL LITERATURE
TO RIGHT WING ORGANIZATIONS
(USING THEIR OWN POSTAGE-PAYED ENVELOPES)
49. HEY, MAN, DO
YOU SMELL POT?
50. Yoko Ciro Lennon
51. BRAN JONES
(THE ONLY TRUE STONE)
52. **HIGH ART**
BY CARLO MCCORMICK
53. **USC**
54. TOM FORCADE -
A TRUE VISIONARY
55. **LUCK IT!**
56. **HEAVY HITTERS**
THE BONG HIT BRIGADE
57. **TESLA**
(SACRAMENTO'S OWN)
58. **IT AIN'T EASY
BEN' CHEEZY**
59. **THE WHO** 25th ANNIVERSARY TOUR
60. SEEING BATMAN BLOWED
61. **CLEANING BUD**
(AND SMOKING IT)
62. JUST SAY NO TO SEX
(POT DOESN'T SPREAD AIDS)
63. MONKEYMAN'S IN
JAIL AGAIN
64. **SCAD** SAYANNAH COLLEGE
OF ARTS + MUSIC
DRUNKS
65. **GROW YOUR OWN**
66. Peacerangers
GURU, MOSES, JACOB,
SOLOMON, JEREMIAH
67. **TIM BUCKLEY**
68. **STARSALING**
(WITH KIMONA)
69. **THE WORLD IS SICK**
(LET'S HELP IT)
70. "IF MARIJUANA WAS LEGAL
I'D BE OUTSTANDING WITH FIELD"
71. **FMLN FREE EL
SALVADOR!**
- 72.
73. **HASH FLAINT**
74. SMOKIN' SPLIFF BY YELLOWMAN
ZUNGUZ JUNGUZ ZUNGUZ ZENG!
75. **FXON IN ALASKA
IS 2 CRUDE**
76. **CALVIN + DOBBES**
77. SMOKIN' A BOWL WITH A BEER
BY MY SIDE, SITTING ON A COOLER
AND I'M A GETTIN' HIGH
78. **HEY BOB** WHAT YA GOT
IN YOUR POUCH?
79. + =
80. **FIFTH ESTATE**
(ANARCHIST RAG FROM DETROIT)
81. **ZZ TOP**
82. STEVE AND JERRY
FUCKED UP MY BONG
83. The dope luncheon
84. **Space Angel**
85. IT'S OIL OVER NOW FOR
ALASKAN F SHERPERSONS
86. **WOO MAN CHUI!**
(THE ULTIMATE GOO-WOO!)
87. **GOOB OR GUB**
FRISBEE SLANG FOR BUD
88. **SYD BARRETT**
89. **KALEAH**
THE BONG QUEEN
90. KEEPING MONEY OUT OF THE
HANDS OF SOUTH AMERICAN
RADICALS AND HELPING THE LOCAL
ECONOMY BY GROWING AMERICAN
91. CAROL CLEVELAND
92. UNVE
93. GETTING A BLOWJOB
FROM EITHER PEG OR KELLY BUNDY
94. **BOYCOTT SHRIMP!**
FOR THE TURTLES' SAKE
95. **10,000 SCREAMING
HEAVY METAL
FANS**
96. TROLLING FOR KING
SALMON + SMOKING
ALASKAN GREEN BUDS
97. **MELT-DOWNS**
98. TRIPPING AT THE NORML
CONCERT - JULY 4TH
WASHINGTON, DC
99. **MICKEY HART**
(MAY WE ALL REUNITE IN DAFOS)
100. **FAN G. A. LEJUEDES**

MAKE THE TOP 100 MORE INTERESTING! MAIL THE
OFFICIAL TOP 100 BALLOT WITH YOUR TOP THREE!

SEND IT TO: HIGH TIMES TOP 100,
211 E. 43RD ST, NYC NY 10017

↓ THIS HERE IS THE OFFICIAL HIGH TIMES TOP 100 BALLOT

#1

#2

#3

NOTE: BALLOTS RECEIVED BY NOVEMBER 1ST 1989
WILL BE REFLECTED IN THE FEBRUARY 1989 TOP 100
CHART COMPILED + DRAWN BY JOHN HOLMSTROM

© REASONABLE FACSIMILES ONLY

DANSCO INDOOR GARDEN CENTERS

One stop shopping

LIGHTING SYSTEMS

(All systems are completely wired with quiet, ventilated ballast enclosure and quick-disconnect lamp lead)
2 year ballast warranty and 1 year lamp warranty

1000W Metal Halide.....	189.00
(Superbulb)	
400W Metal Halide.....	139.00
(Superbulb)	
Metal Halide Phosphor Coated Bulbs.....	add 5.00
175W Metal Halide.....	110.00
1000W High Pressure Sodium.....	259.00
400W High Pressure Sodium.....	189.00
150W High Pressure Sodium.....	110.00
Horizontal or Parabolic Reflectors available for all systems	

BULBS

1 year lamp warranty

METAL HALIDE:

MS1000, 125,000 lumens.....	55.00
MS1000U, 110,000 lumens.....	62.50
MS400, 40,000 lumens.....	44.00
MS400, Hor., 40,000 lumens, horizontal.....	54.00
Metal Halide Phosphor Coated Bulbs.....	add 5.00
M175, 15,000 lumens.....	29.00

HIGH PRESSURE SODIUM:

LU1000, 140,000 lumens.....	89.00
LU400, 50,000 lumens.....	45.00
LU150, 16,000 lumens.....	32.00

HIGH PRESSURE SODIUM CONVERSION:

940W, 134,000 lumens.....	149.00
360W, 40,000 lumens.....	69.00

FLUORESCENT TUBES:

24" Gro Lux.....	7.95
24" Vita Lite.....	12.50
48" Gro Lux.....	9.95
48" Vita Lite, Power Twist.....	13.95

REFLECTORS

(Polar white finish on all, sockets included)

22" Round.....	24.95
44" Conical.....	39.95
48" Parabolic.....	54.95
84" Parabolic.....	169.95
Horizontal 400W.....	49.95
Horizontal 1600W.....	54.95

LIGHT MOVERS

4' Light Track.....	99.00
6' Light Track.....	99.00
1LS Sun Circle.....	139.00
2LS Sun Circle.....	199.00
3LS Sun Circle.....	259.00

HYDROPONICS

HYDRO-FLO I.....	265.00
Incl: 6 trays, 36 one gallon pots, reservoir, pump, timer, filter, irriga- tion, rockwool, nutrients & pH control	
Expansion Module.....	16.00



EBB-FLOW SYSTEM.....	\$220.00
Incl: 2 - 44" x 24" grow trays, 25 gallon reservoir with lid, pump, timer & irrigation	
EBB FLOW MODULE.....	34.95
Incl: 1 - 44" x 24" grow tray & irrigation plumbing	

HYDRO CELL II.....	250.00
Incl: 12 two gallon cells, reservoir pump, timer, filter, irrigation, rockwool, nutrients & pH control	
Expansion Cell.....	6.00
White Lightning NFT Tubes, 8' & 8' Lengths.....	68.95

TEST EQUIPMENT

Digital pH Pen.....	64.95
Digital Dissolved Salts Pen.....	64.95
Combination pH & Dissolved Salts Meter.....	399.00
Professional Digital Light Meter.....	175.00
CO ₂ Tester.....	8.95
CO ₂ Analyzer Tube.....	4.50
MIN-MAX Thermometer.....	12.95
Temperature/Humidity Gauge.....	12.95
30x Light Scope.....	26.95
Whatman 4.5-10 pH Test Strips.....	8.95

CO₂ SYSTEMS

Injection System with exhaust control without tank.....	179.95
CO ₂ Regulator/Flow Meter.....	79.95
DANSCO Propane Burner/ CO ₂ Generator.....	299.00

ODOR CONTROL

Zestron 700 Ionizer.....	79.95
Zestron 1000 Ionizer.....	79.95
Zestron Collector Ionizer.....	110.00
Zestron 3600 Ionizer.....	359.00
DANSCO Charcoal Air Filter.....	79.95
Ozone Generator for total odor removal.....	839.00

TIMERS

15A 120V, 24hr, Heavy Duty.....	19.95
15A 240V, 24hr, Heavy Duty.....	24.95
40A 120V, 24hr, Industrial.....	33.95
40A 240V, 24hr, Industrial.....	38.95
40A 120V, 1-60 minute cycle.....	67.95
15A 120V, 4 ON - 4 OFF, 1 minute minimum.....	26.95



PROFESSIONAL PROPAGATION SYSTEM.....	\$169.00
Includes: 1 - 44" x 24" x 11" propa- gation dome, 2 pro heat mats, thermostat with remote probe & 1 qt cloning solution	

FANS & BLOWERS

100 CFM Axial Fan.....	25.95
240 CFM Axial Fan.....	57.95
560 CFM Axial Fan.....	68.95
265 CFM, Squirrel Cage.....	56.95
465 CFM, Squirrel Cage.....	64.95
745 CFM, Squirrel Cage.....	136.95
980 CFM, Squirrel Cage.....	134.95
12" Oscillating Table Fan.....	33.95
16" Oscillating Table Fan.....	48.95
12" Wall Mount Fan.....	52.95
16" Wall Mount Fan.....	59.95

THERMOSTATS & HUMIDISTATS

Thermostat, heating or cooling.....	19.95
Thermostat, heating or cooling with remote probe.....	34.95
Humidistat 40 - 80%.....	47.95
Combo Thermostat-Humidistat Fan Controller completely wired with 2 outlets.....	109.95

SUBMERSIBLE PUMPS

170 GPH.....	36.95
205 GPH w/ float control.....	59.95
240 GPH.....	47.95
310 GPH.....	49.95
1250 GPH.....	67.95

PROPAGATION AIDS

24" x 44" x 11" Propagation Dome.....	55.00
48" x 11" Pro-Heat Tape.....	21.95
Thermostat with Remote Probe ± 1".....	49.95
Woods Rooting Compound.....	7.95
Rootone F, 2oz.....	4.49
Olivia's Cloning Solution, 1 qt.....	11.95
Olivia's Cloning Solution, 1 gal.....	39.95

ROCKWOOL

1 1/4 x 1 1/4 Multi-Blocks sheet.....	5.00
2 x 2 Multi-Blocks sheet.....	6.86
3 x 3 Cube.....	34
4 x 4 Cube.....	48
6" x 3" Slab.....	4.75
8" x 3" Slab.....	6.25
12" x 3" Slab.....	9.50
45lb Repellent Bale.....	39.95
35lb Absorbent Bale.....	22.00
55lb Absorbent Bale.....	56.95

ROCKWOOL (continued)

Full case discount of 10% on
Rockwool products

NUTRIENTS

SOIL: GROW FOODS

Peters 20-20-20, 2 lbs.....	5.00
Plant Marvel 17-17-17, 2 lbs.....	5.00
Eco Grow 10-8-14, 1 lb.....	5.95

BLOOM FOODS

Peters 10-30-20, 2 lbs.....	5.90
Plant Marvel 10-52-17, 2 lbs.....	7.50
Peters 5-50-17, 2 lbs.....	8.00
Plant Marvel 5-40-17, 2 lbs.....	7.50
Eco Bloom 3-35-10, 1 lb.....	8.95

HYDROPONICS:

Eco Grow R 14-6-17, 2 lbs.....	11.95
General Hydroponics A 14-2-16, 2 lbs.....	12.95
HydroLife 9-7-14, 1 lb.....	6.95
Wondergrow 4-1-5, 1 qt.....	4.95
General Hydroponics Micronutrient, 1 qt.....	7.95
Eco Bloom R 6-25-17, 2 lbs.....	11.95
General Hydroponics B 2-15-18, 2 lbs.....	12.95

REFLECTANTS

4' x 25' Mylar.....	17.95
4' x 50' Mylar.....	27.95
4' x 100' Mylar.....	44.95
20' x 100' White Visqueen.....	59.95

ACCESSORIES

Pesticide Respirator.....	22.95
P.V.C. Disposable Spray Suit.....	7.09
U.V. Protective Goggles.....	5.95
BT 320 Thinning Scissors.....	8.49
DX 320 Stainless Thinning Scissors.....	14.79
340 HT Stainless Scissors.....	21.95
Wisclips.....	7.95
2 Liter Dramm Plastic Watering Can.....	9.95
5 Liter Dramm Plastic Watering Can.....	27.95
Gardena Waterwand.....	19.95
Superthrive, Plant Elixior, 1 oz.....	1.98
Taylor Min/Max Thermometer.....	22.95
75W Submersible Water Heater.....	14.26
Floating Thermometer with Suction.....	1.45
1" Dial Pocket Thermometer.....	8.95
OHAUS Triple Beam Balance.....	108.95
pH Up, 1 qt.....	5.95
pH Down, 1 qt.....	5.95

BOOKS

Complete Book of Plant Propagation.....	14.95
Plants Plus, A Guide To Plant Propagation.....	14.95
Gardening Indoors.....	7.95
ABC of NFT.....	34.95
Beginning Hydroponics.....	7.95
Hydroponic Food Production.....	29.95
Hydroponics For Everyone.....	17.95
Rockwool in Horticulture.....	34.95

Established 1978. Most orders shipped within 24 hours.
VISA, MC, Amex (Seattle only), COD orders welcome.

Free 18" x 24" Erasable Planning Calendar with pen
for every order over \$25.00.

Prices Subject To Change Without Notice.

DANSCO INDOOR GARDEN SUPPLY
315 North 105th
Seattle, WA 98133
(206) 784-9492
orders only: (800) 345-3398

DANSCO INDOOR GARDEN CENTER
844 University Avenue
Berkeley, CA 94710
(415) 549-2918
orders only: (800) 523-1367

Dealer Inquiries: **DANSCO DISTRIBUTORS** 4442-27th W.
Seattle, WA 98199 (206) 282-7282



THE NEW COMPETITION

5% DISCOUNT
ON RETURN CUSTOMERS

RA
NT

White or Purple
Cross Tablets
(Thin, Thick or
Extra Thick) 25 mg
ephedrine 1000 @
\$3.90 / 100 @ \$2.90

FREE
SAMPLE OF
INCENSE
WITH ANY
ORDER

INCENSE

\$1299.95 KILLO / 1 LB. \$899.95 / 1/2 LB.
\$399.95 / 1/4 LB. \$239.95 / \$74.95 1 OZ.
\$59.95 1/2 OZ. / \$38.95 1/4 OZ. / \$18.95 1/8 OZ.

1. **BOLIVIAN ROCK**
"ACTIVE INGREDIENTS IDENTICAL TO:"
2. **ULTRA SCENT**
"ACTIVE INGREDIENTS IDENTICAL TO:"
3. **BOLIVIAN FLAME**
"ACTIVE INGREDIENTS IDENTICAL TO:"
4. **BRONZE FLAME**
"ACTIVE INGREDIENTS IDENTICAL TO:"
5. **MILKY TRAILS**
"ACTIVE INGREDIENTS IDENTICAL TO:"
6. **PSEUDO FLAME**
"ACTIVE INGREDIENTS IDENTICAL TO:"
7. **COME BACK**
"ACTIVE INGREDIENTS IDENTICAL TO:"
8. **MIAMI ICE**
"ACTIVE INGREDIENTS IDENTICAL TO:"
9. **SUPER SCENT**
"ACTIVE INGREDIENTS IDENTICAL TO:"
10. **PERUVIAN ICE**
"ACTIVE INGREDIENTS IDENTICAL TO:"
11. **ARTIC FLAME**
"ACTIVE INGREDIENTS IDENTICAL TO:"
12. **BASIC SCENT**
"ACTIVE INGREDIENTS IDENTICAL TO:"
13. **AMERICAS BEST POWDERED INCENSE**
"ACTIVE INGREDIENTS IDENTICAL TO:"
14. **BASE-O-SCENT**
"ACTIVE INGREDIENTS IDENTICAL TO:"
15. **PSEUDO-CAINE**

Green
or Blue
Caps
1000 @
\$24.95
100 @
\$4.95

1-800
628-7325
NAT PEAK

357 Magnum
1000 @
\$19.95 / 100
@ \$3.90

Black or
Yellow
Capsule
(Large or
Small Sizes)
1000 @ \$19.90 /
100 @ \$3.90

Black or White Mole
Caps 1000 @ \$19.90
/ 100 @ \$3.90

Large Pink Heart Tablet
1000 @ \$39.95 / 100 @ \$4.50

SUPER
INC

SEE COMPLETE LIST BELOW

WE ACCEPT VISA, MASTER CARD
& AMERICAN EXPRESS

POCKETTROCKETT PHARMACEUTICALS

NATURAL PEAK PRODUCTS

FOR A FREE BROCHURE
CALL TOLL FREE OR WRITE POCKETT ROCKETT PHARMACEUTICALS/NATURAL PEAK PRODUCTS,
P.O. BOX 1223 MARCO ISLE, FL 33937, OR CALL ZEPHER COVE NV. (702) 588-7375

SPECIAL QUANTITY PRICES - We will MATCH OR BEAT ANY ADVERTISED PRICE! - The STRONGEST STIMULANTS available without a prescription.
ADDITIONAL CAPSULES AND TABLETS NOT SHOWN: SMALL PINK HEART (2.5 mg EPHEDRINE) 1000 @ \$9.90 - 100 @ \$2.90 / GREEN & WHITE SPECKS TABLET 1000 @ \$15.95 - 100 @ \$4.50 / WHITE 20/20 1000 @ \$17.90 - 100 @ \$4.95 / COLD REMEDY TABS 1000 @ \$26.95 - 100 @ \$5.95 OR CAPSULES 1000 @ \$29.95 - 100 @ \$4.95 / BLUE 30/30 1000 @ \$17.95 - 100 @ \$4.95. ALL PILLS CONTAIN EPHEDRINE SULFATE OR CAFFEINE, EXCEPT COLD REMEDY WHICH CONTAINS EPHEDRINE SULFATE, CAFFEINE AND CHLORTENIRAMINE MALEATE (2 mg.). ALL TABLETS AND CAPSULES CONTAIN UP TO 200 mg. CAFFEINE. ITEMS NOT INTENDED FOR ILLEGAL USE.

FOOD SUPPLEMENTS / INCENSE							1 OZ.	2 OZ.	3 OZ.	4 OZ.	5 OZ.	16 OZ.
	1 OZ.	2 OZ.	3 OZ.	4 OZ.	5 OZ.	16 OZ.	VITALENS					
MANNITOL	9.95	18.95	24.95	29.95	39.95	69.95	SUPERIOR MANNITOL	11.95	19.95	24.95	29.95	49.95
ULTRA FINE MANNITOL	9.95	18.95	24.95	29.95	39.95	69.95	SUPERIOR INOSITOL	11.95	19.95	24.95	29.95	49.95
INOSITOL	9.95	18.95	24.95	29.95	44.95	79.95	SUPERIOR S	11.95	19.95	24.95	29.95	49.95
CRYSTALLIZED MANNITOL	9.95	18.95	24.95	29.95	44.95	79.95	SUPERIOR SUPERFINE	11.95	19.95	24.95	29.95	49.95
ACTOSE	9.95	14.95		29.95	39.95	69.95	MANNITE CONSCIENTI	9.95	19.95	24.95	KILD BAR	\$199.95

Give your plants a "dutch treat"!



The SGS Europonic System. The most advanced concept in growing technology, designed and tested in Holland.

WE ARE DEDICATED TO THE INDOOR GARDENER. SGS IS YOUR CONNECTION WITH STATE OF THE ART DUTCH GROWING TECHNOLOGY.

• 400 W AND 1000 W METAL HALIDE AND HIGH PRESSURE SODIUM LAMPS • VERTICAL AND HORIZONTAL REFLECTORS • CONVERSION BULBS • SGS EUROPONIC ROCKWOOL SYSTEM • THE GASSER CO₂ SYSTEM • CO₂ GENERATORS • ALUMINUM CO₂ CYLINDERS • SUN CIRCLE, SOLAR SHUTTLE AND WHIRLIGIG LIGHT MOVERS • ZESTRON NEGATIVE ION GENERATORS • KLONE KITS • GRODAN ROCKWOOL CUBES, BLOCKS AND SLABS • A COMPLETE LINE OF HYDROPONIC SUPPLIES INCLUDING FERTILIZERS, PH ADJUSTMENT CHEMICALS, PH TEST KITS, MICRO & MACRO NUTRIENT TEST KITS • RESERVOIR HEATERS • BAT GUANO • WORM CASTINGS • MAXICROP SEAWEED CONCENTRATE • SOILLESS GROWING MEDIUMS • WHITE PLASTIC AND REFLECTIVE MYLAR SHEETING • PURGE ODOR NEUTRALIZER • OSCILLATING AND EXHAUST FANS • TIMERS • AND MUCH, MUCH MORE.

CALL OR WRITE TODAY FOR A FREE COPY OF OUR NEWEST CATALOG. YOU WILL FIND OUR SERVICE PROMPT AND OUR PRICES LOW! WE OFFER THE BEST GUARANTEE IN THE BUSINESS. MORE THAN JUST A NAME, WE ARE **SUPERIOR GROWERS**.

SGS

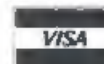
SUPERIOR GROWERS SUPPLY, INC.

TOLL FREE
(800) 227-0027
MOST ORDERS FILLED IN 48 HOURS



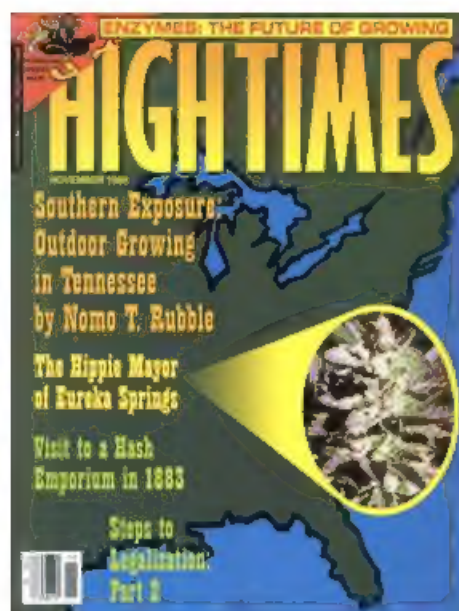
Now available

4870 DAWN AVE.
EAST LANSING, MI 48823
IN MICH. (517) 332-2663
C.O.D.'S WELCOME



High Times

NOVEMBER 1989



Reprinted from the High Times Archive

<https://archive.hightimes.com/issue/19891101/print>



©2023 - HIGH TIMES ARCHIVE. ALL RIGHTS RESERVED.